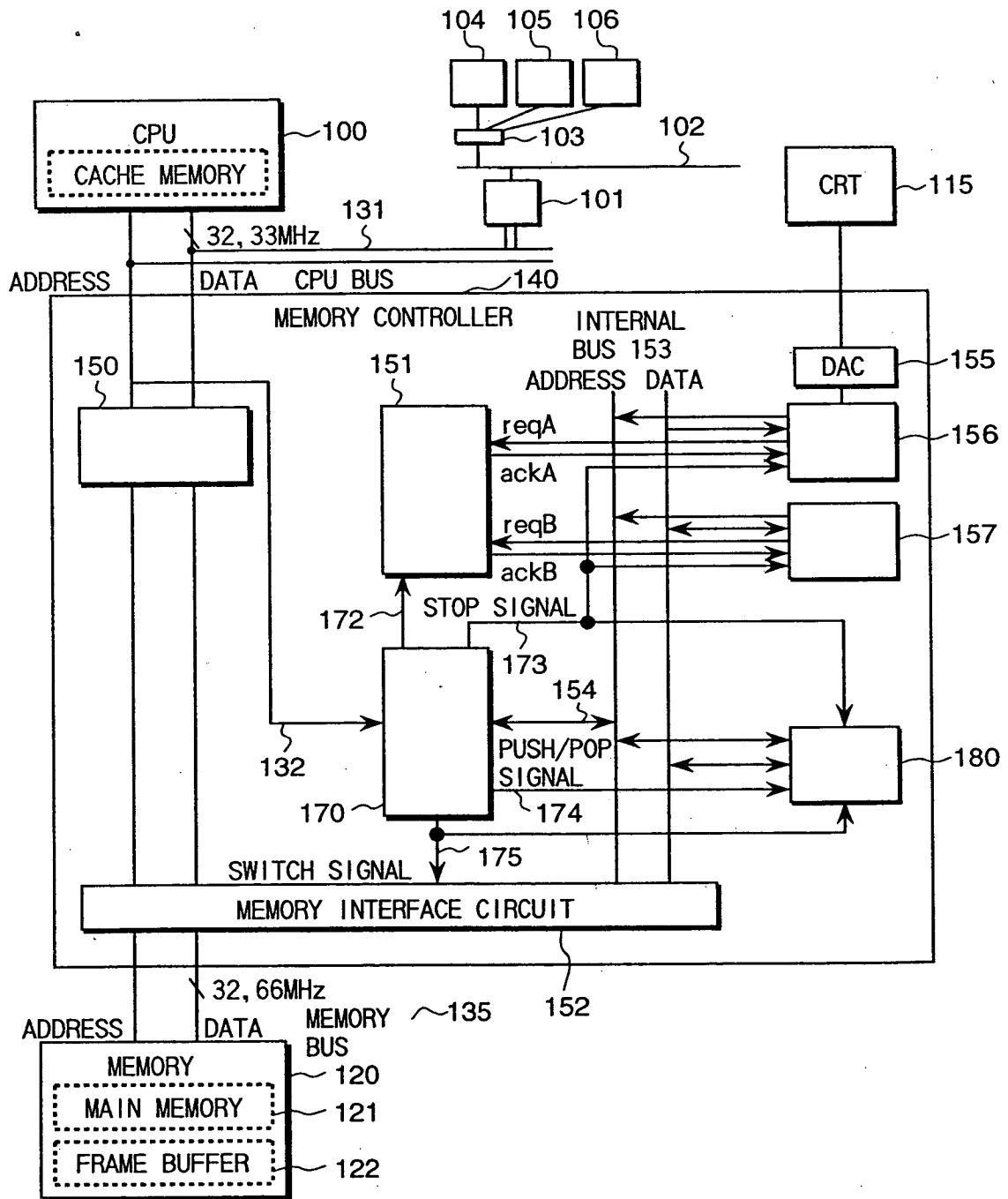


FIG. 1



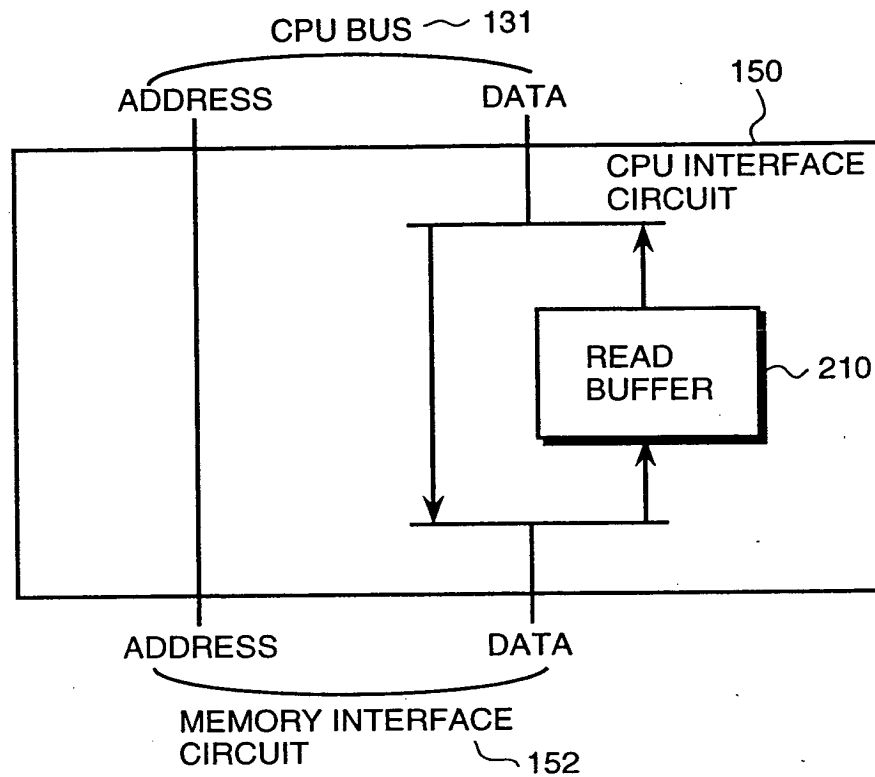
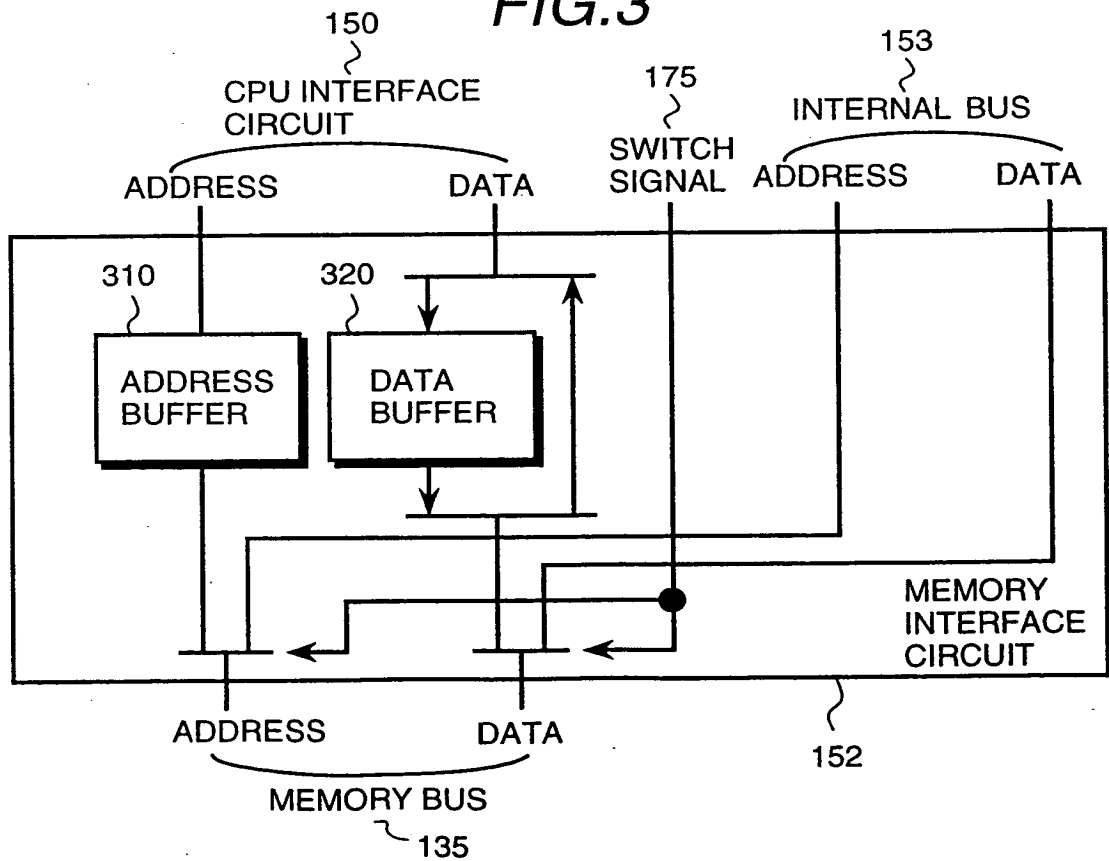
**FIG.2****FIG.3**

FIG. 4

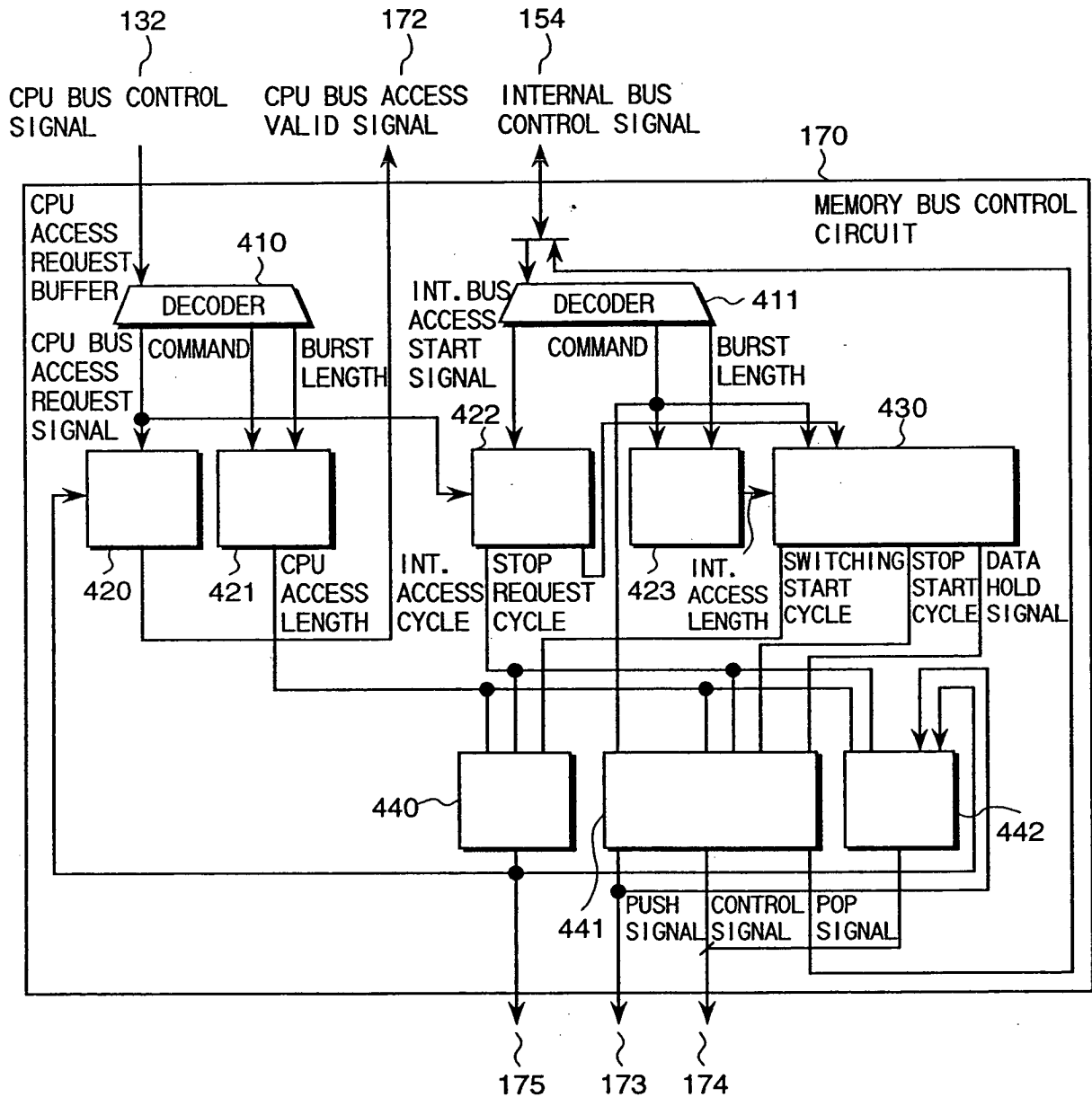


FIG.5

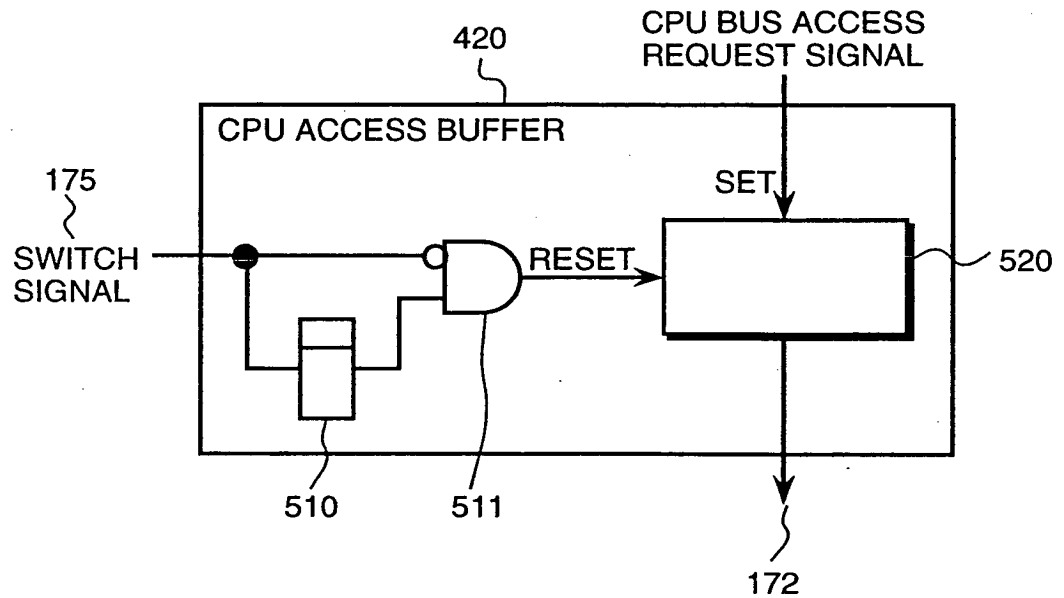


FIG.7

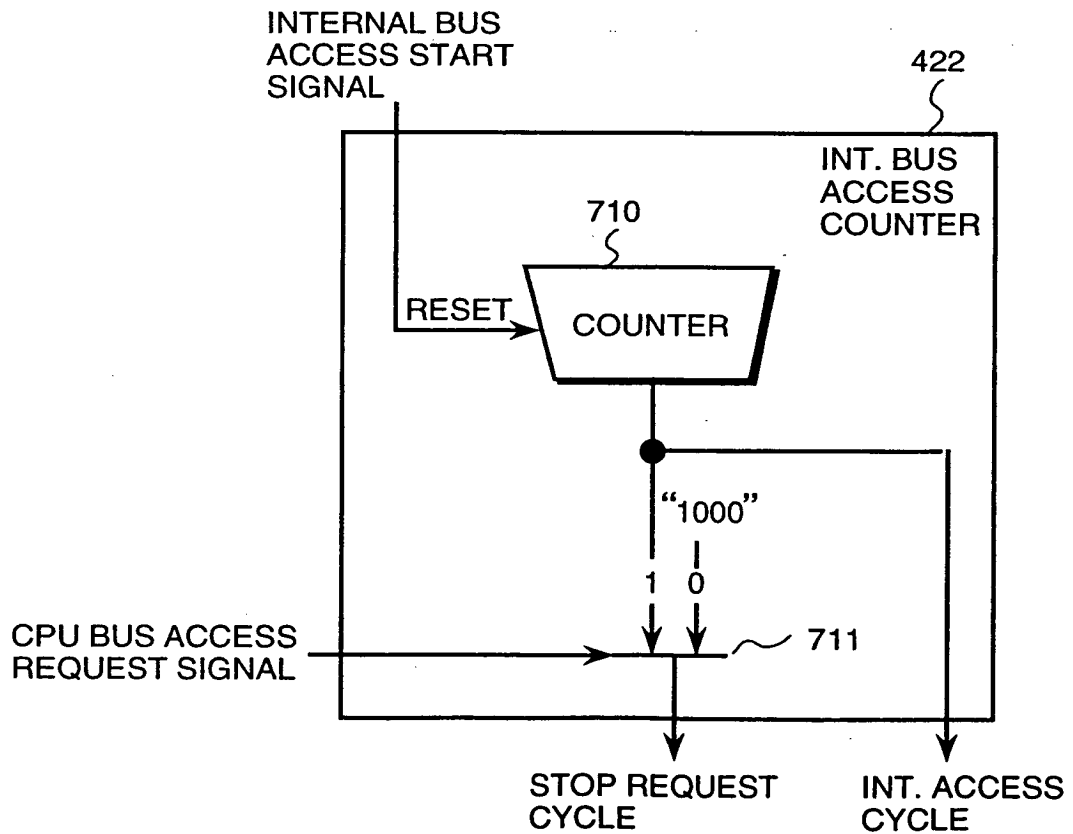


FIG. 6

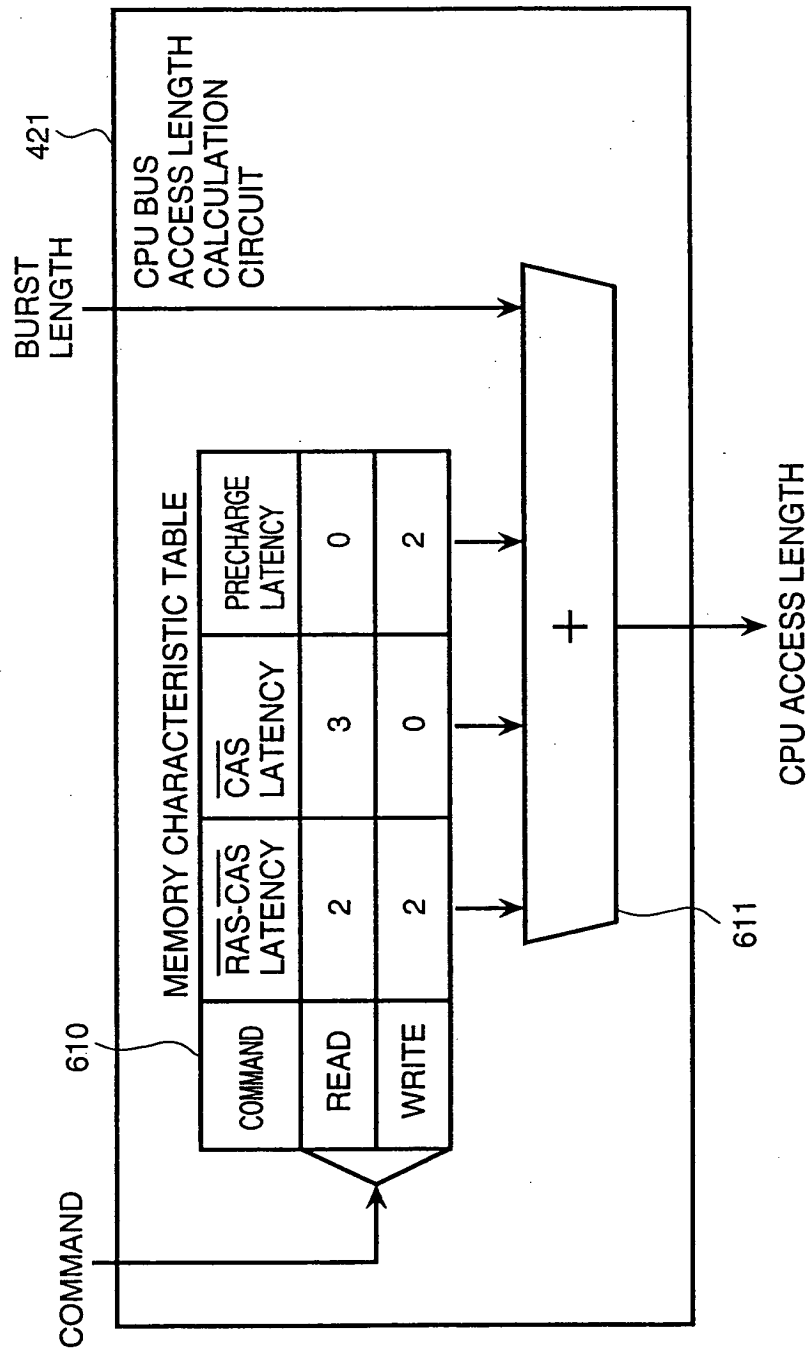


FIG. 8

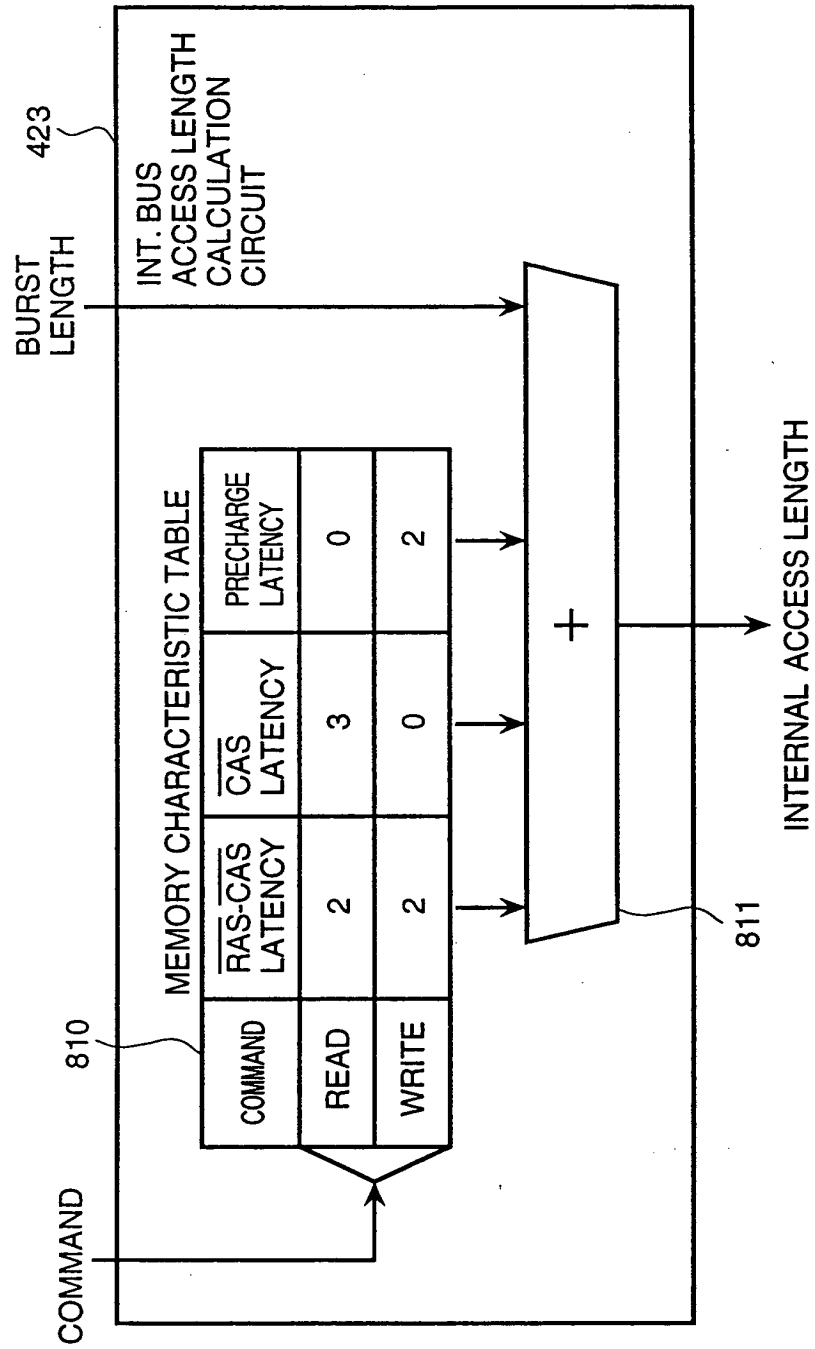


FIG. 9

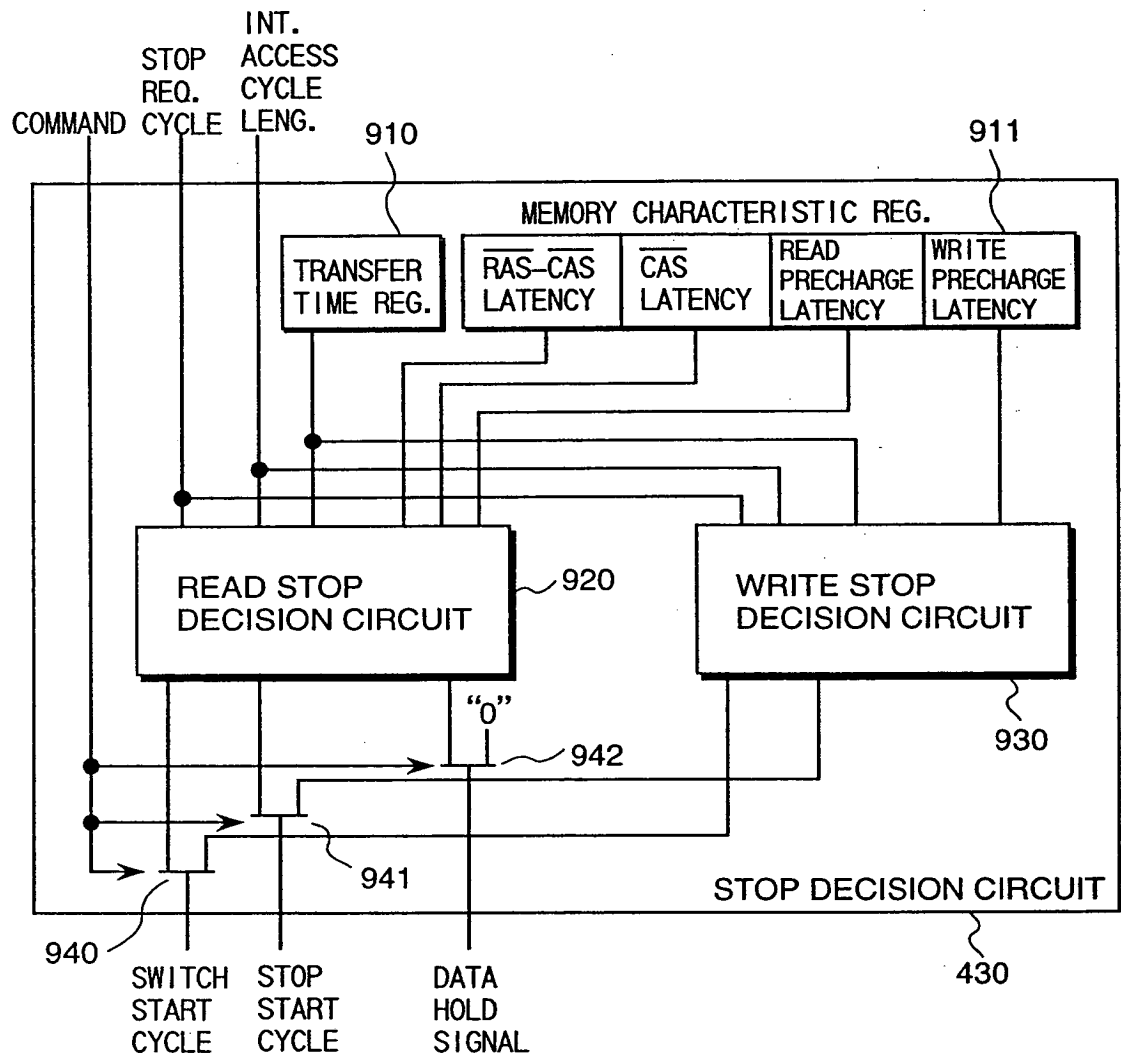
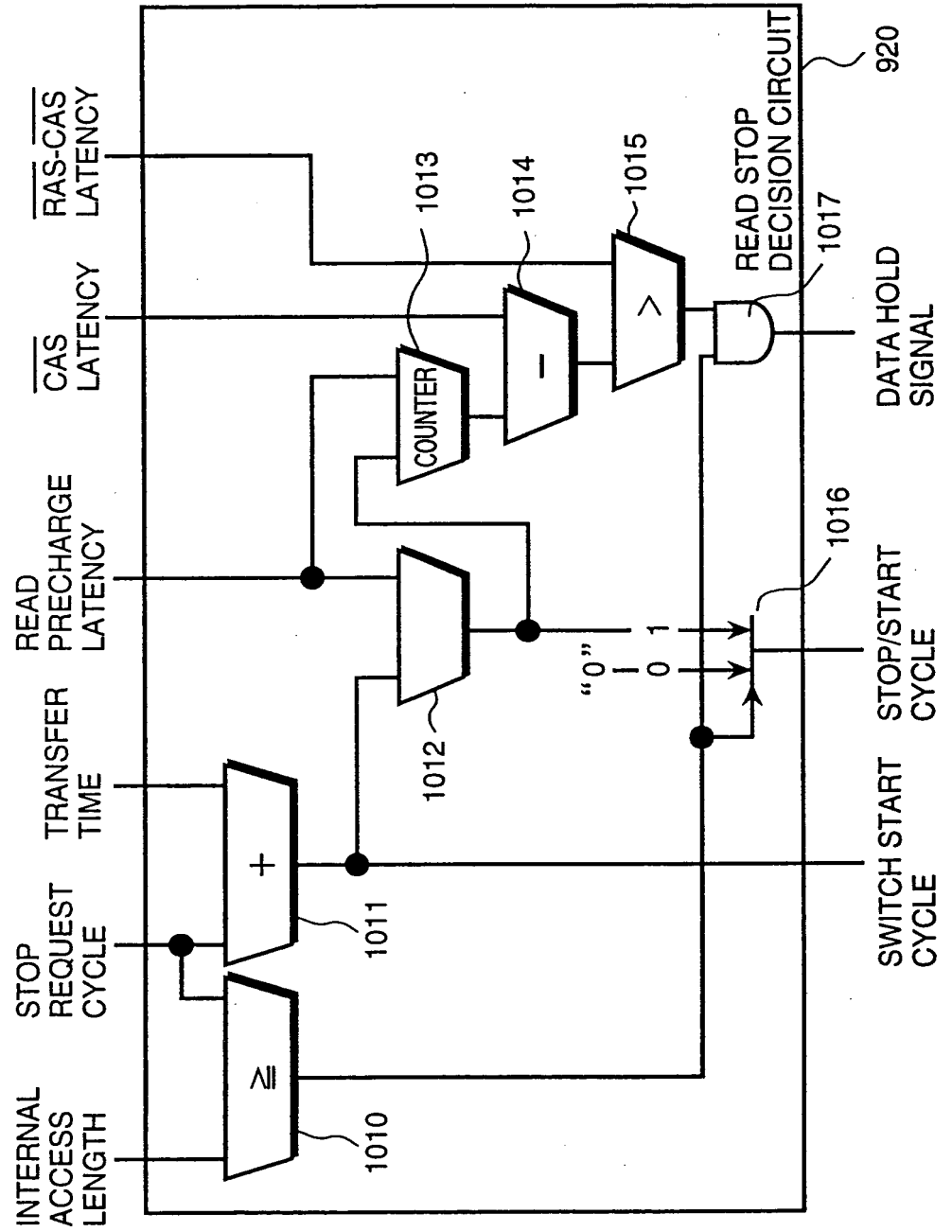


FIG. 10





**FIG. 11**

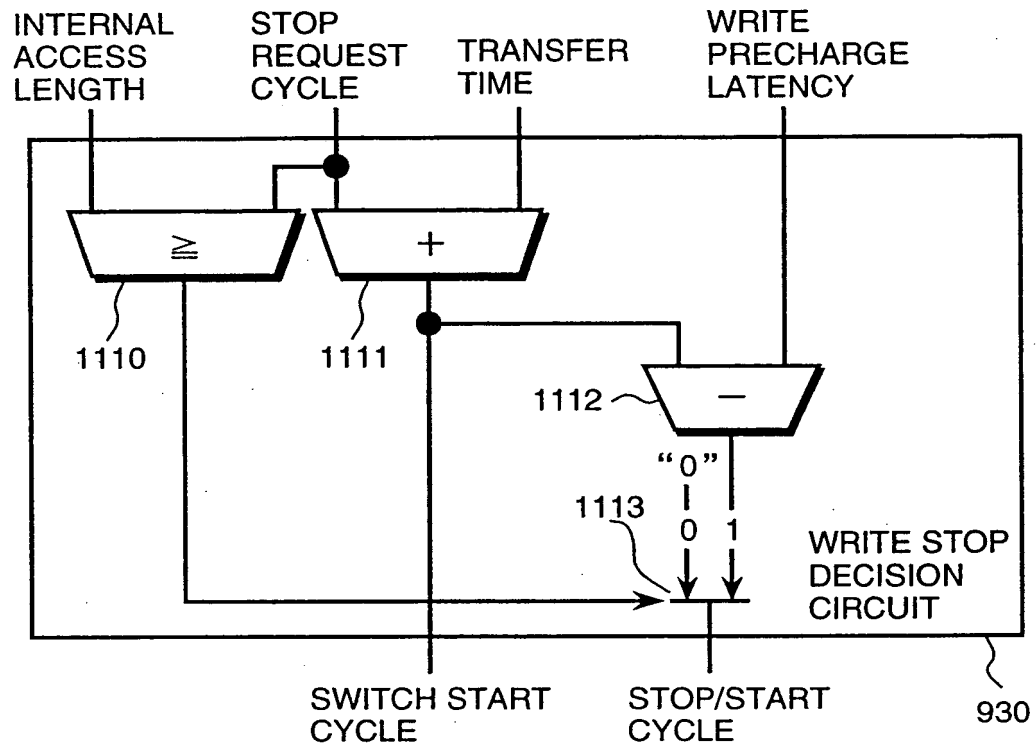


FIG. 12

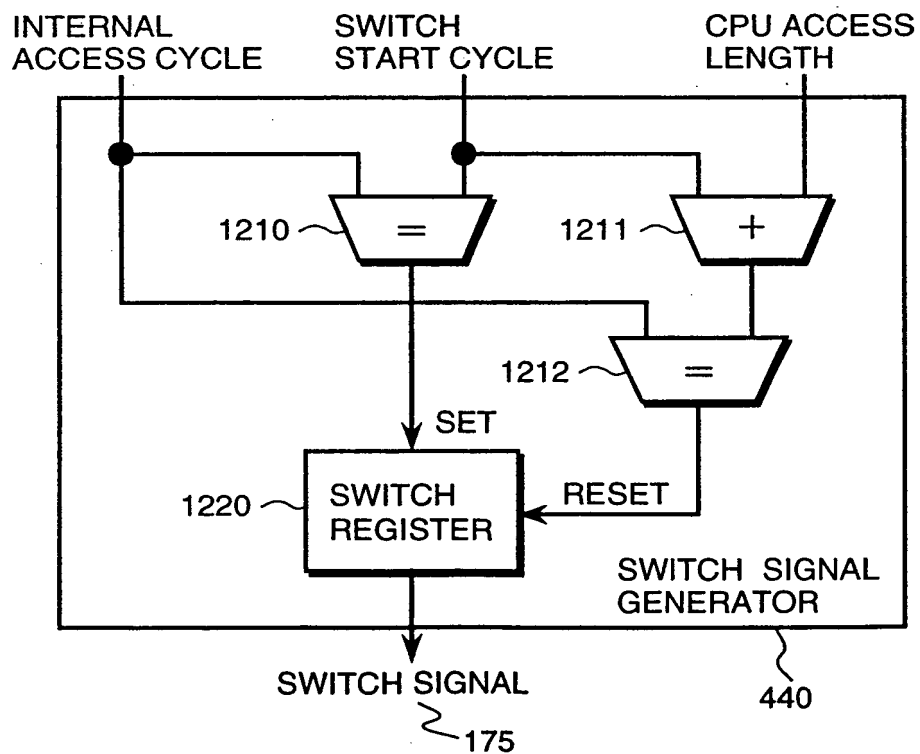


FIG. 13

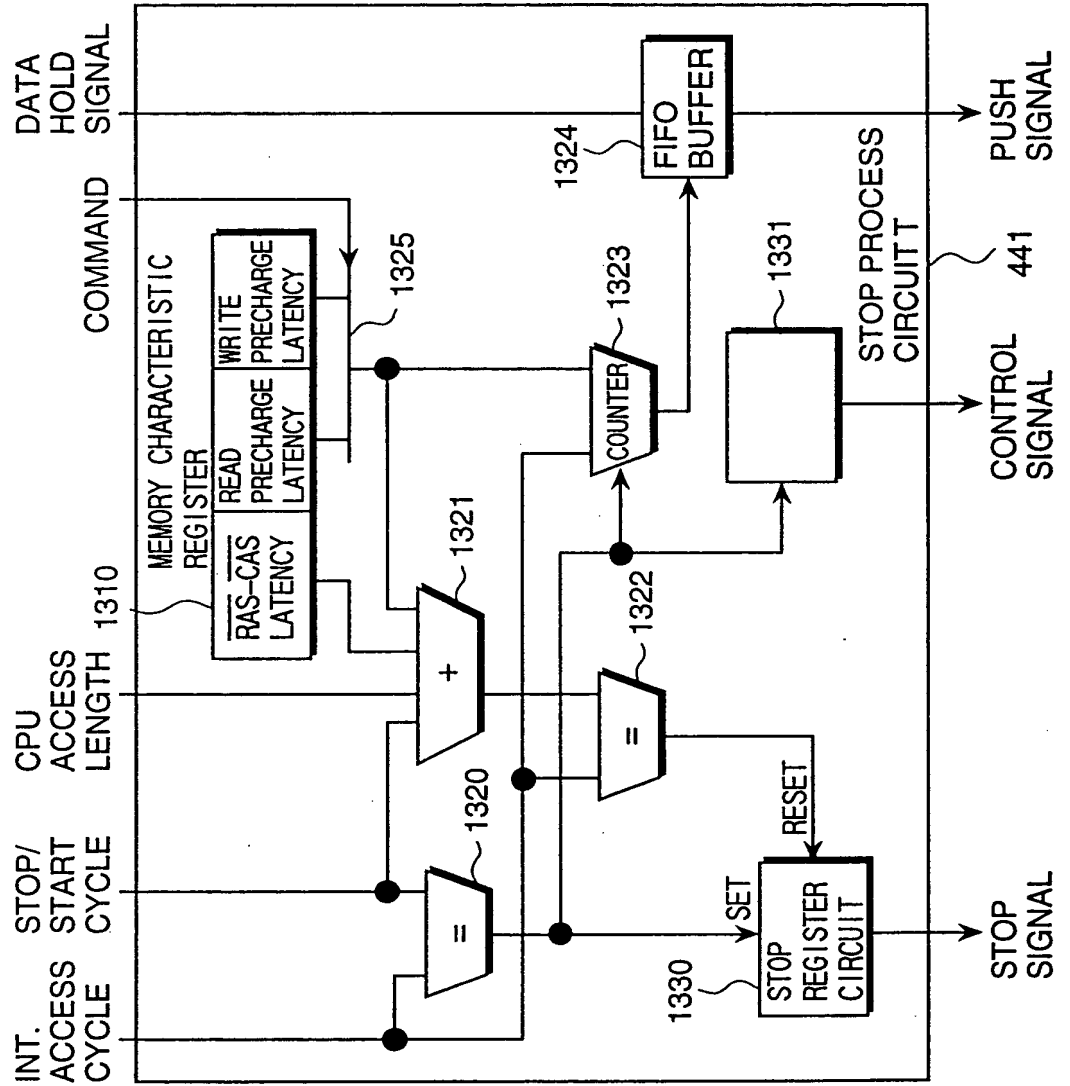


FIG. 14

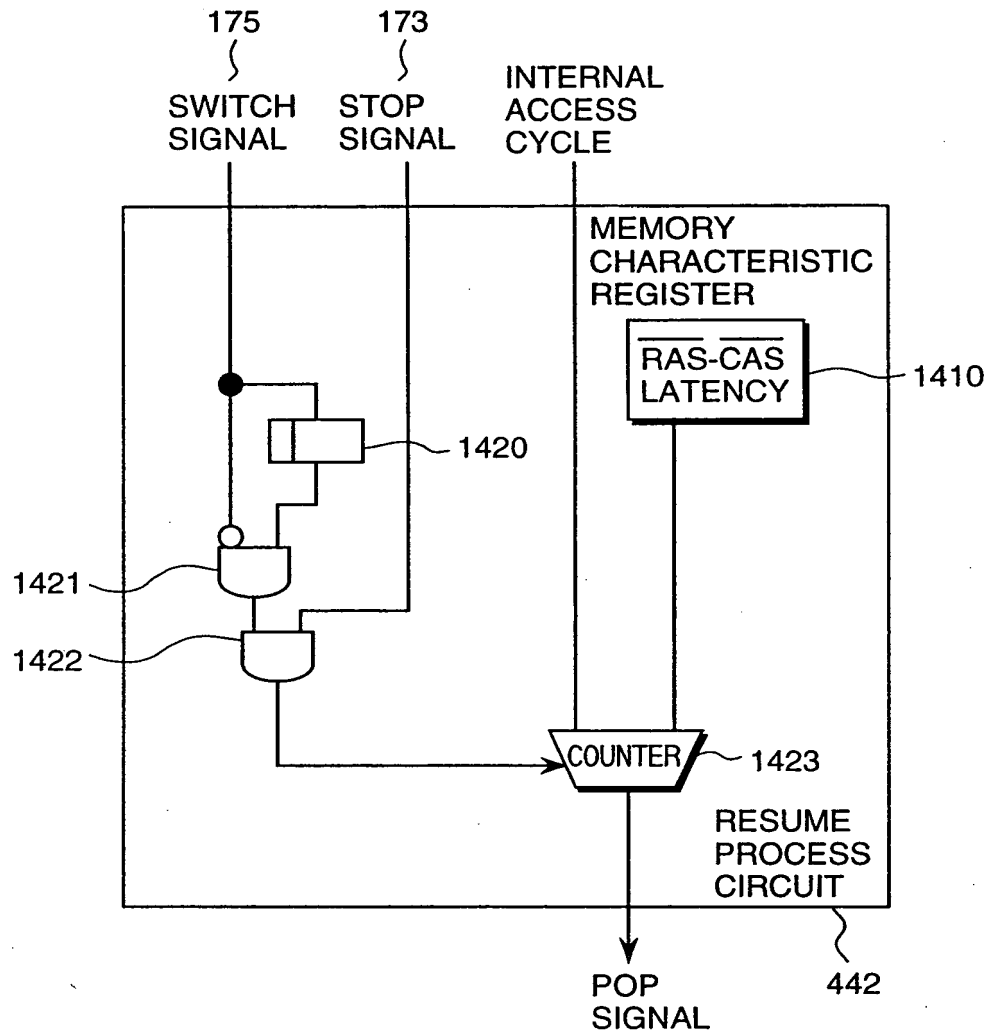


FIG. 15

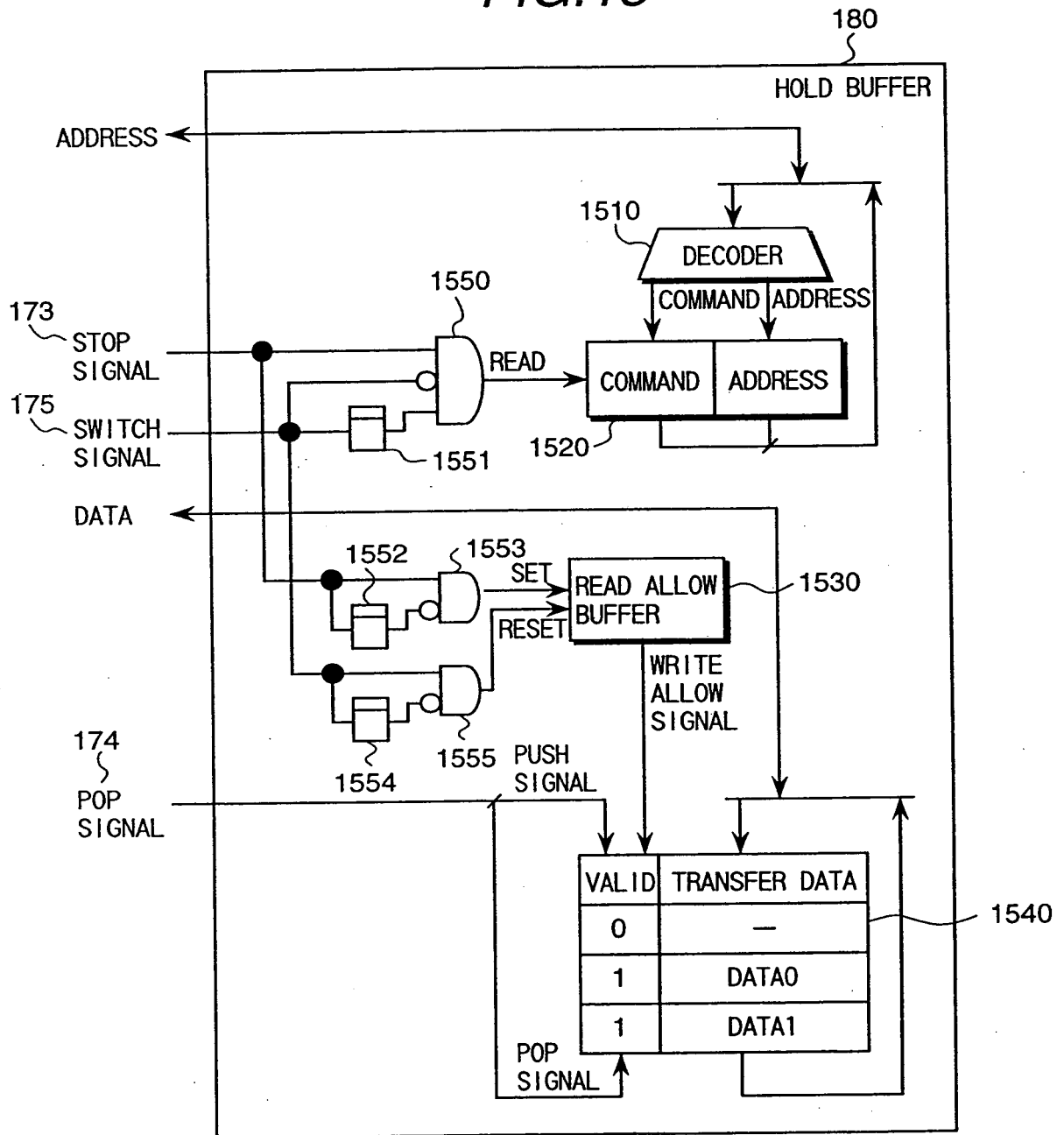
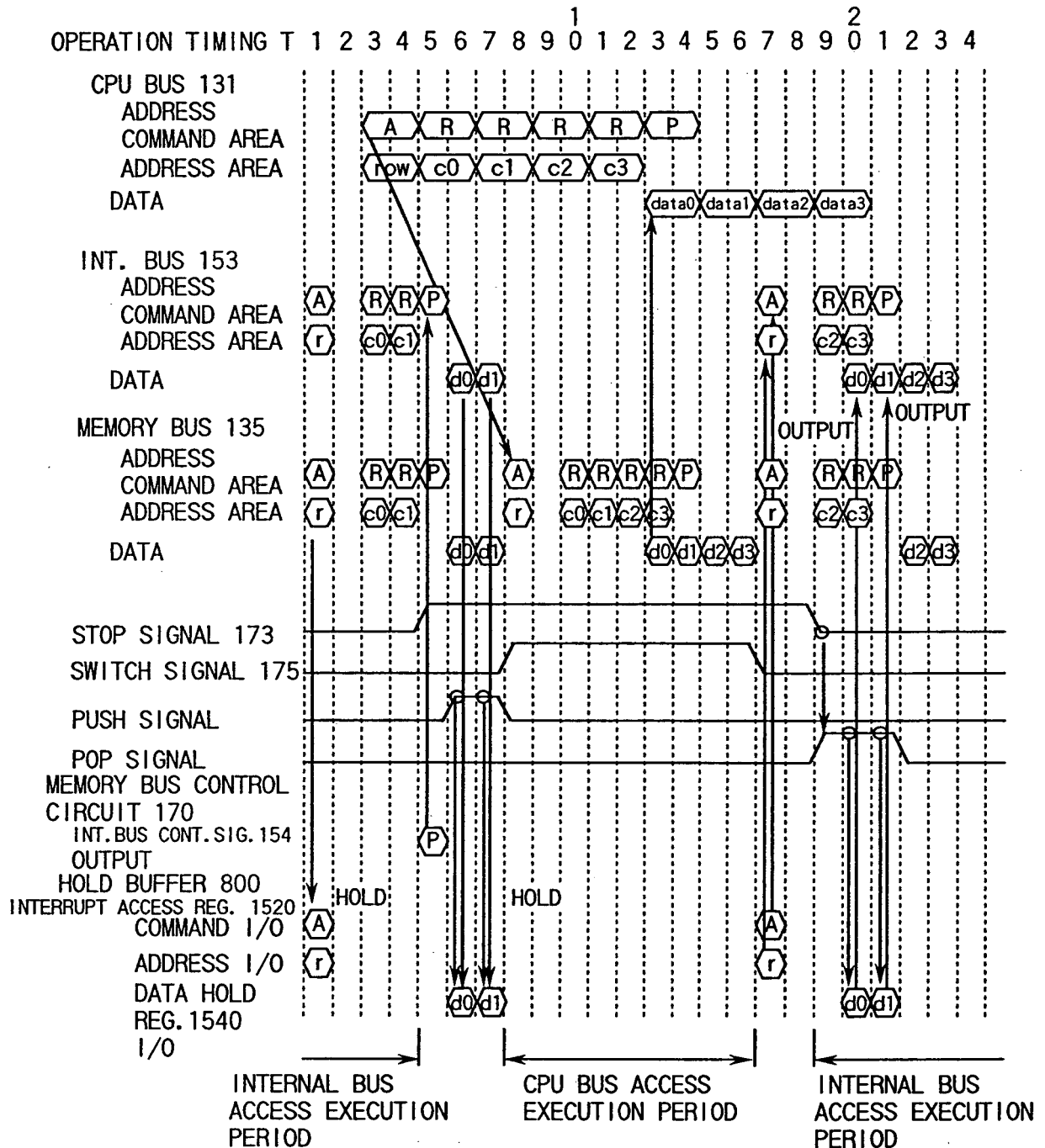


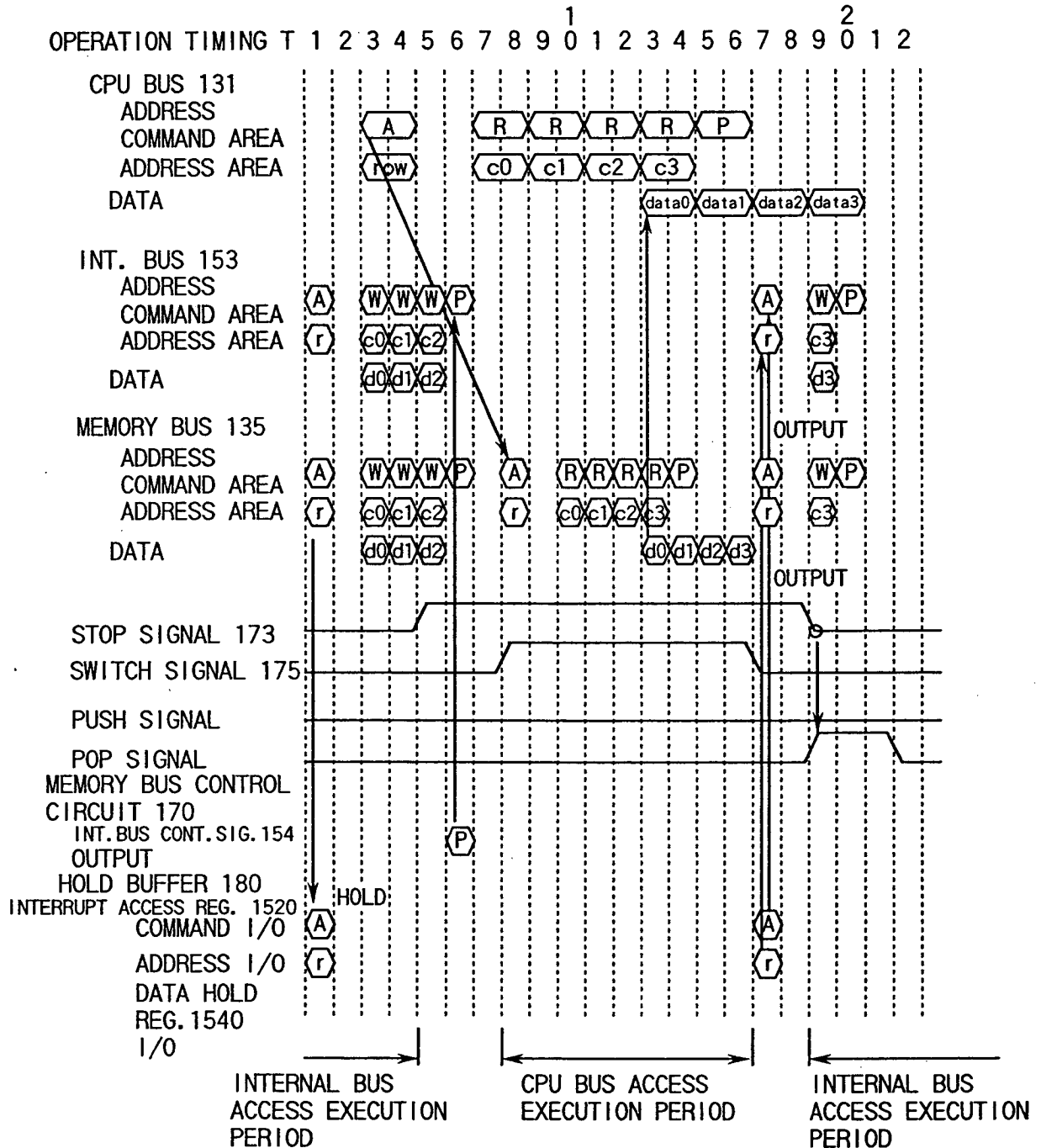
FIG. 16



TRANSFER TIME; 5CYCLES,  $\overline{\text{RAS}}$ / $\overline{\text{CAS}}$  LATENCY; 2CYCLES,  $\overline{\text{CAS}}$  LATENCY; 3CYCLES, READ PRECHARGE LATENCY; 3CYCLES

A:ACTIVE COMM., R:READ COMM., P: PRECHARGE COMM.  
ROW, r:ROW ADDRESS, c:COLUMN ADDRESS, D:DATA

FIG. 17



TRANSFER TIME; 5CYCLES,  $\overline{\text{RAS}}/\overline{\text{CAS}}$  LATENCY; 2CYCLES,  $\overline{\text{CAS}}$  LATENCY; 3CYCLES, READ PRECHARGE LATENCY; 3CYCLES

A:ACTIVE COMM., R:READ COMM., W:WRITE COMM.,  
 P:PRECHARGE COMM.

row, r:ROW ADDRESS, c:COLUMN ADDRESS, D:DATA

FIG. 18

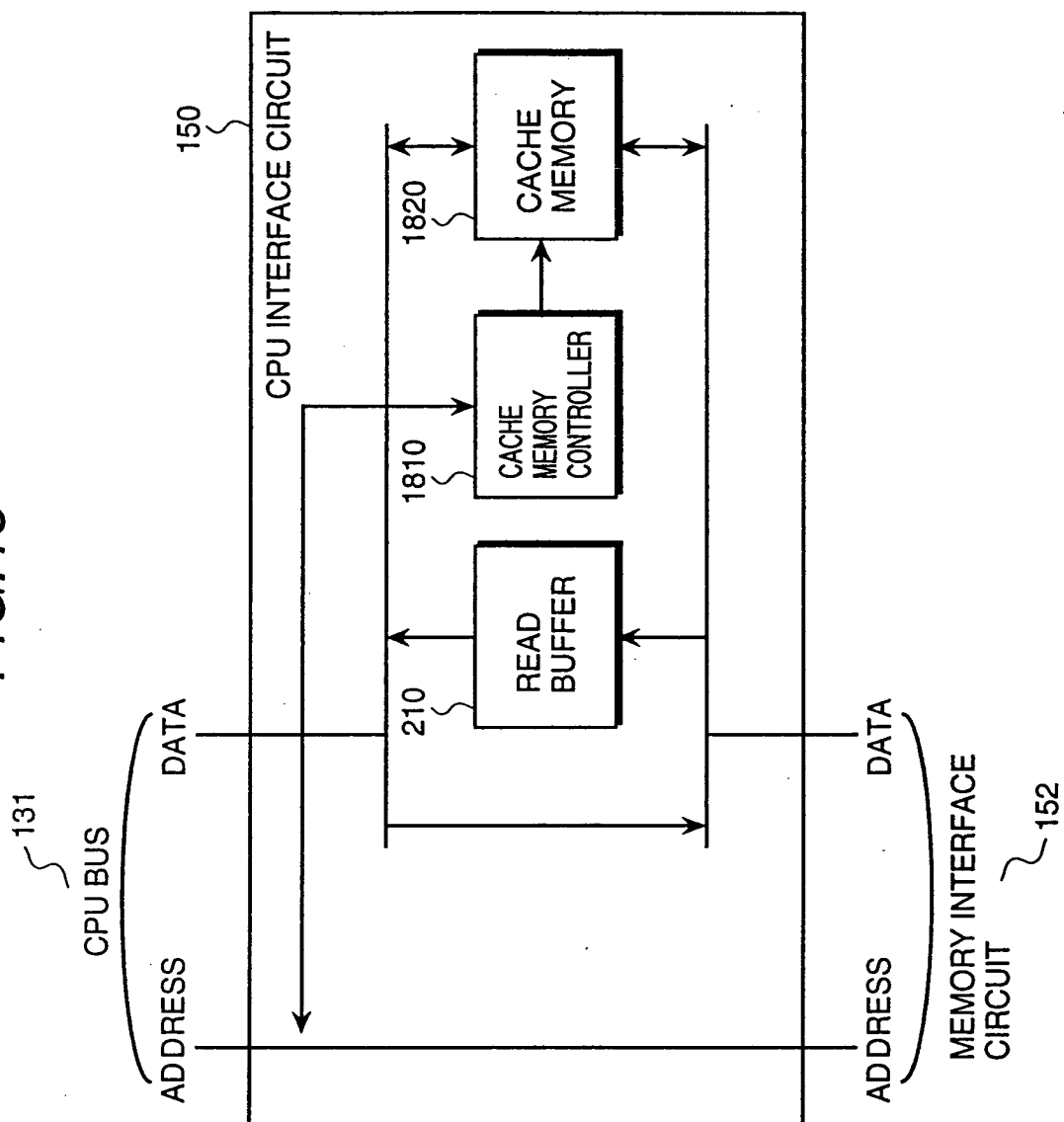


FIG. 19

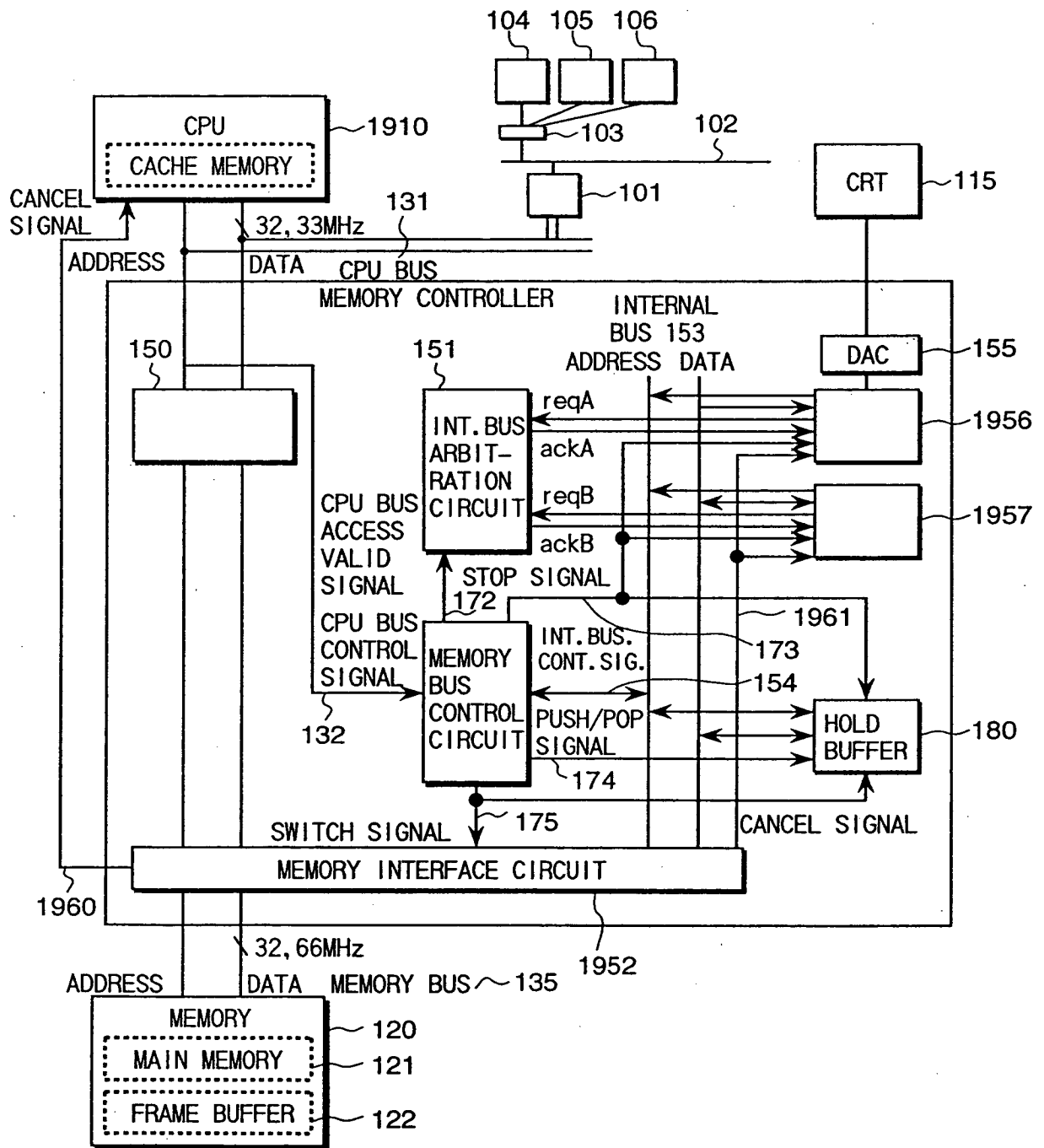




FIG. 20

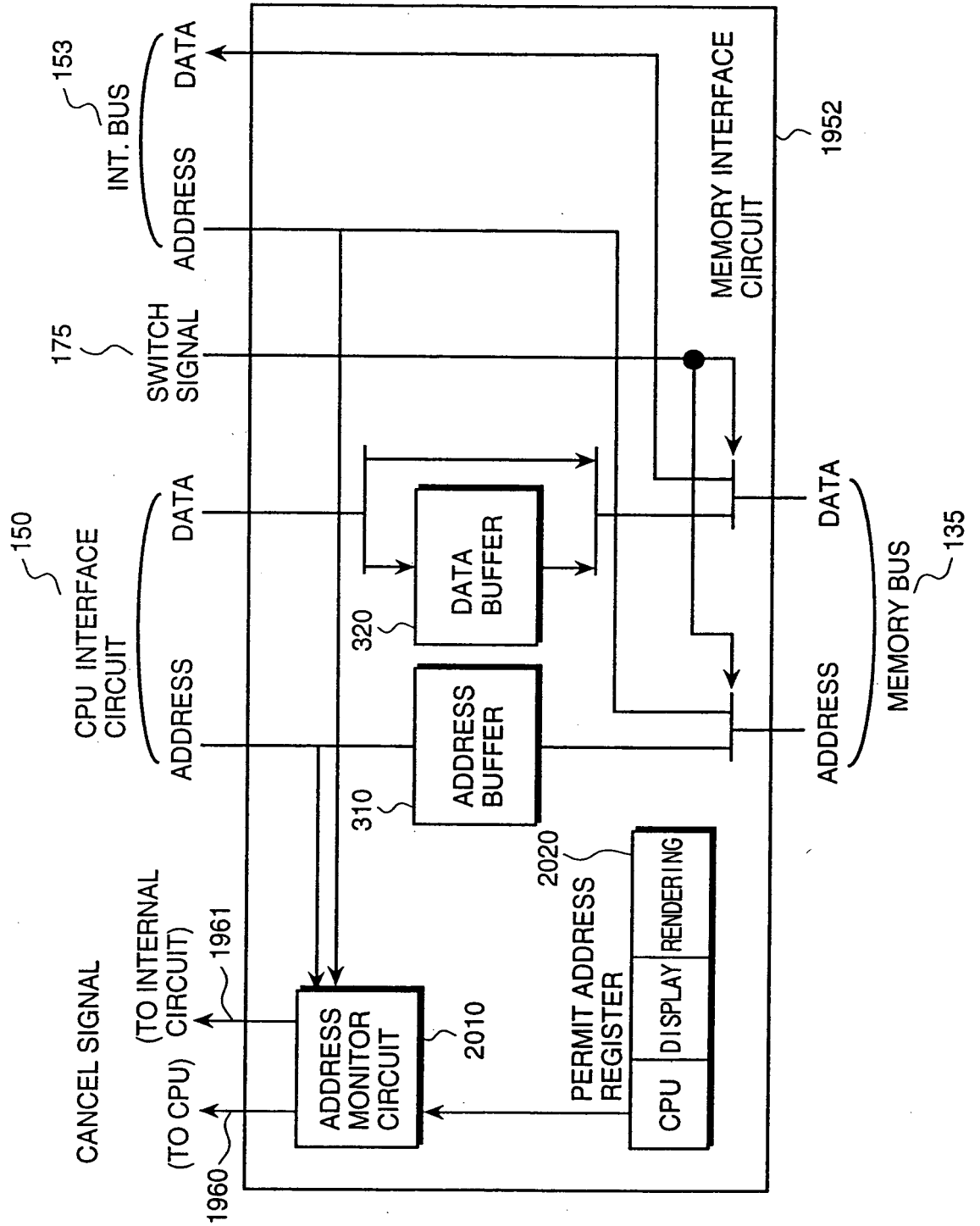


FIG.21

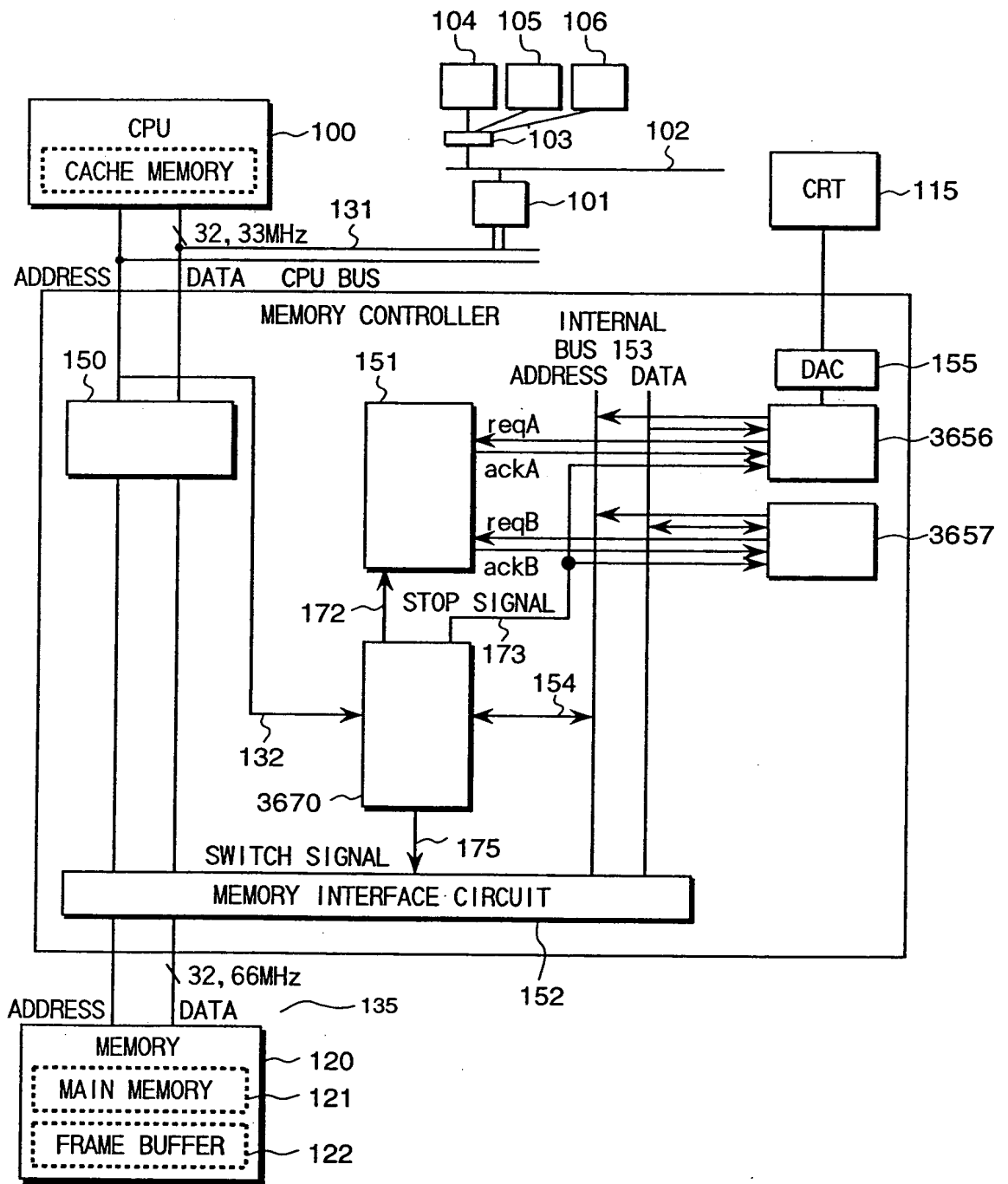


FIG.22

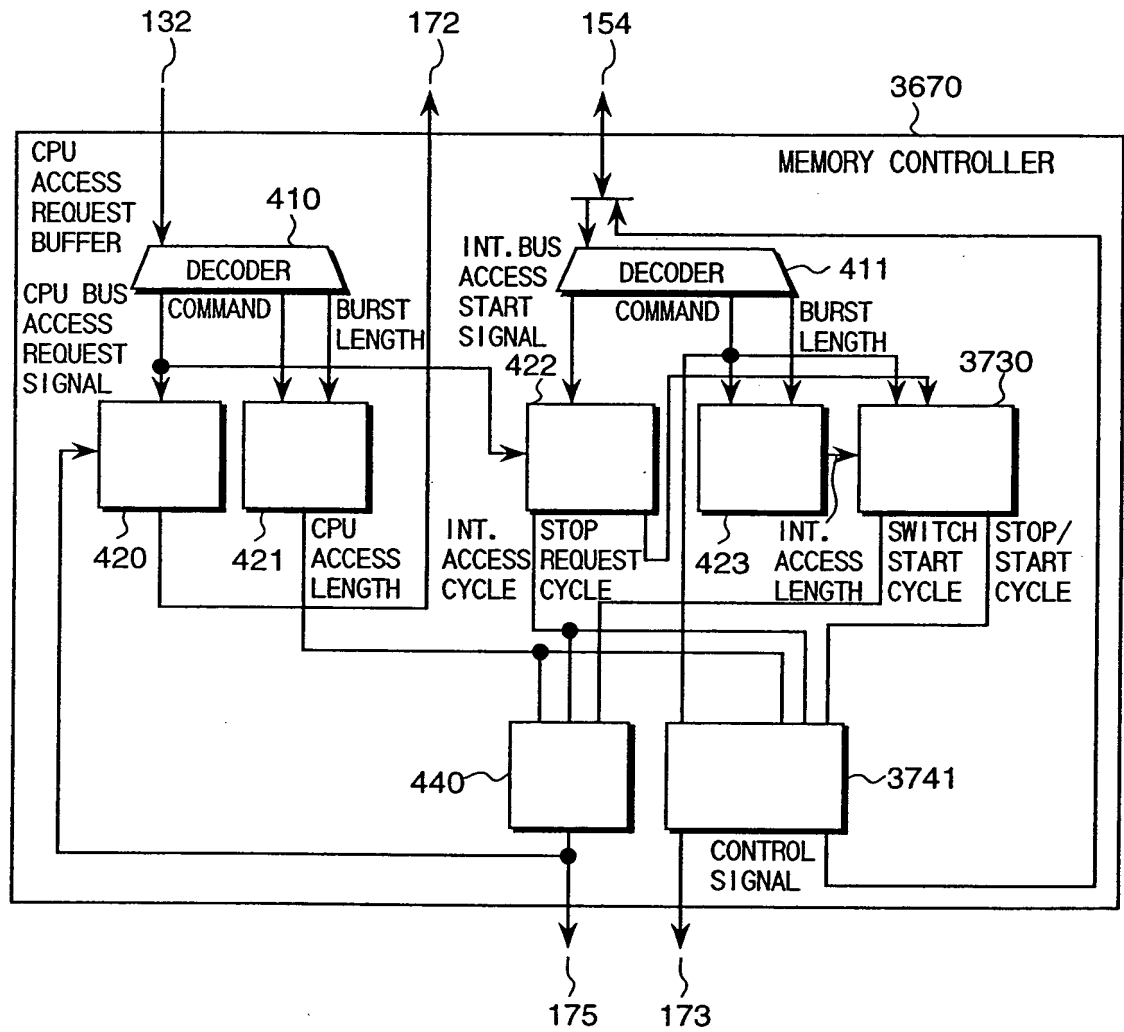


FIG. 23

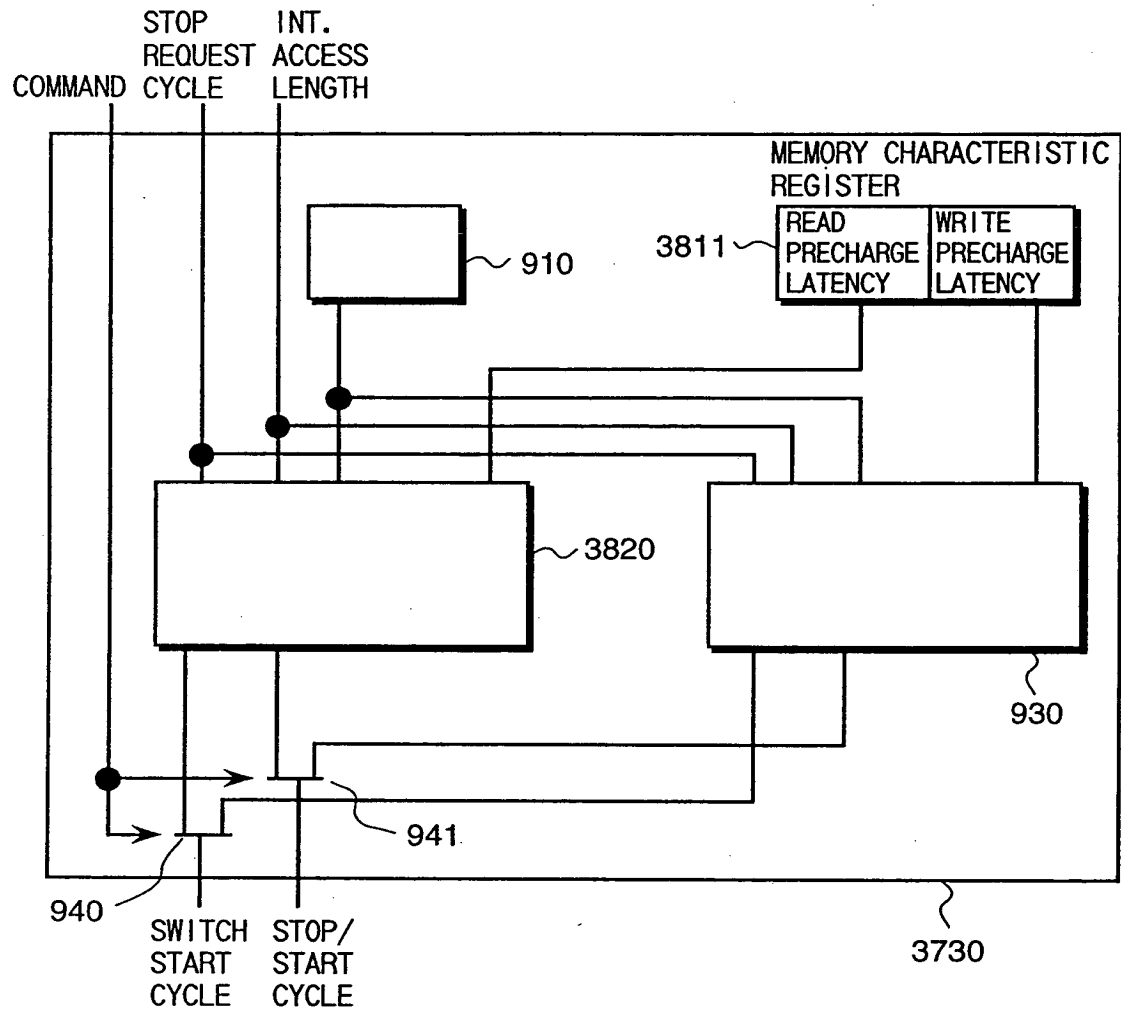


FIG. 24

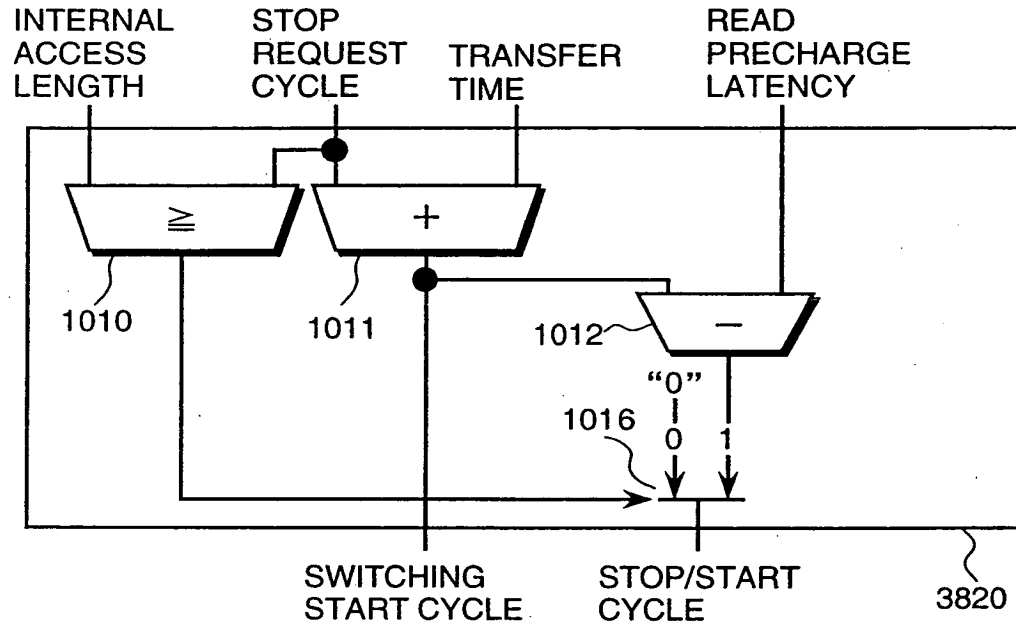


FIG. 25

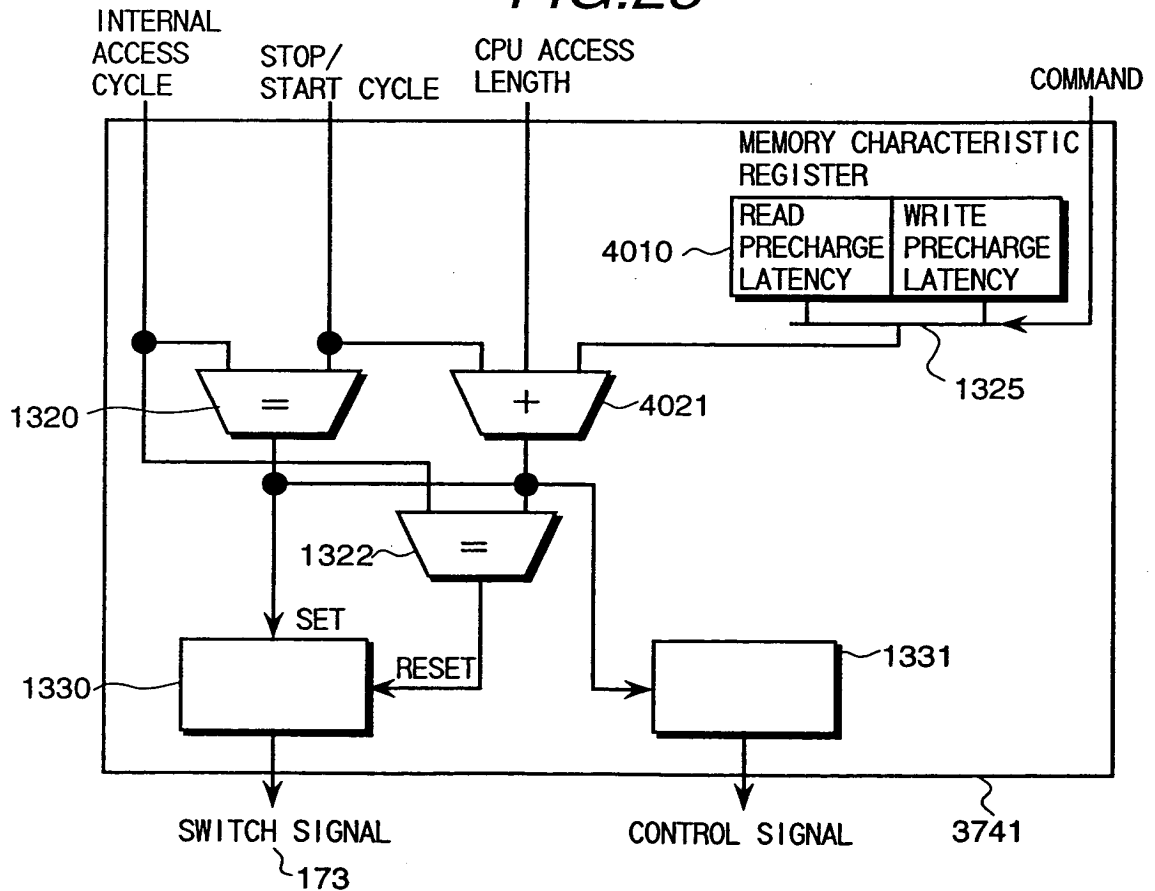
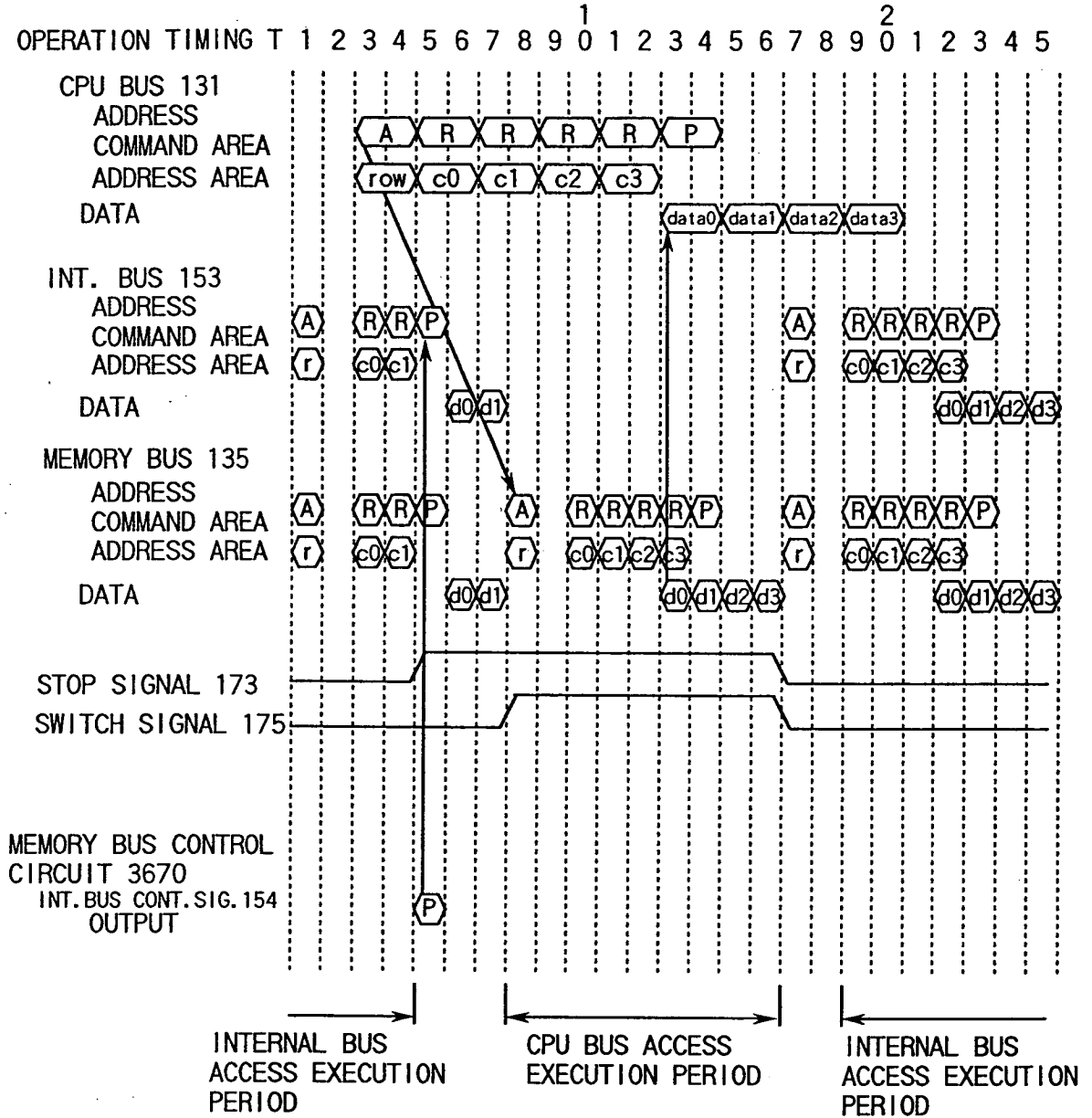


FIG.26



TRANSFER TIME; 5CYCLES,  $\overline{\text{RAS}}$ / $\overline{\text{CAS}}$  LATENCY; 2CYCLES,  $\overline{\text{CAS}}$  LATENCY; 3CYCLES, READ PRECHARGE LATENCY; 3CYCLES

A:ACTIVE COMM., R:READ COMM., P: PRECHARGE COMM.  
ROW, r:ROW ADDRESS, c:COLUMN ADDRESS, D:DATA

FIG.27

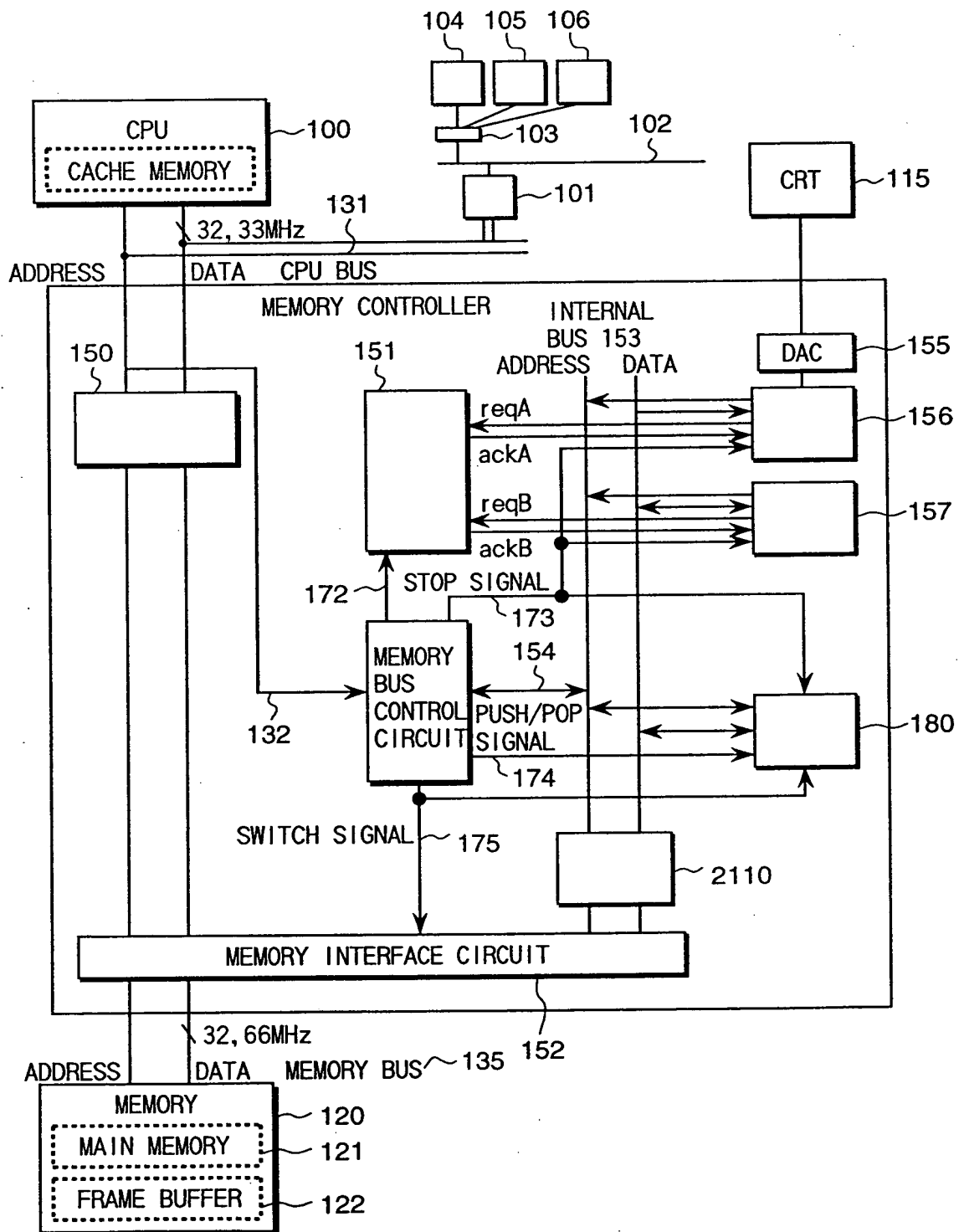


FIG. 28

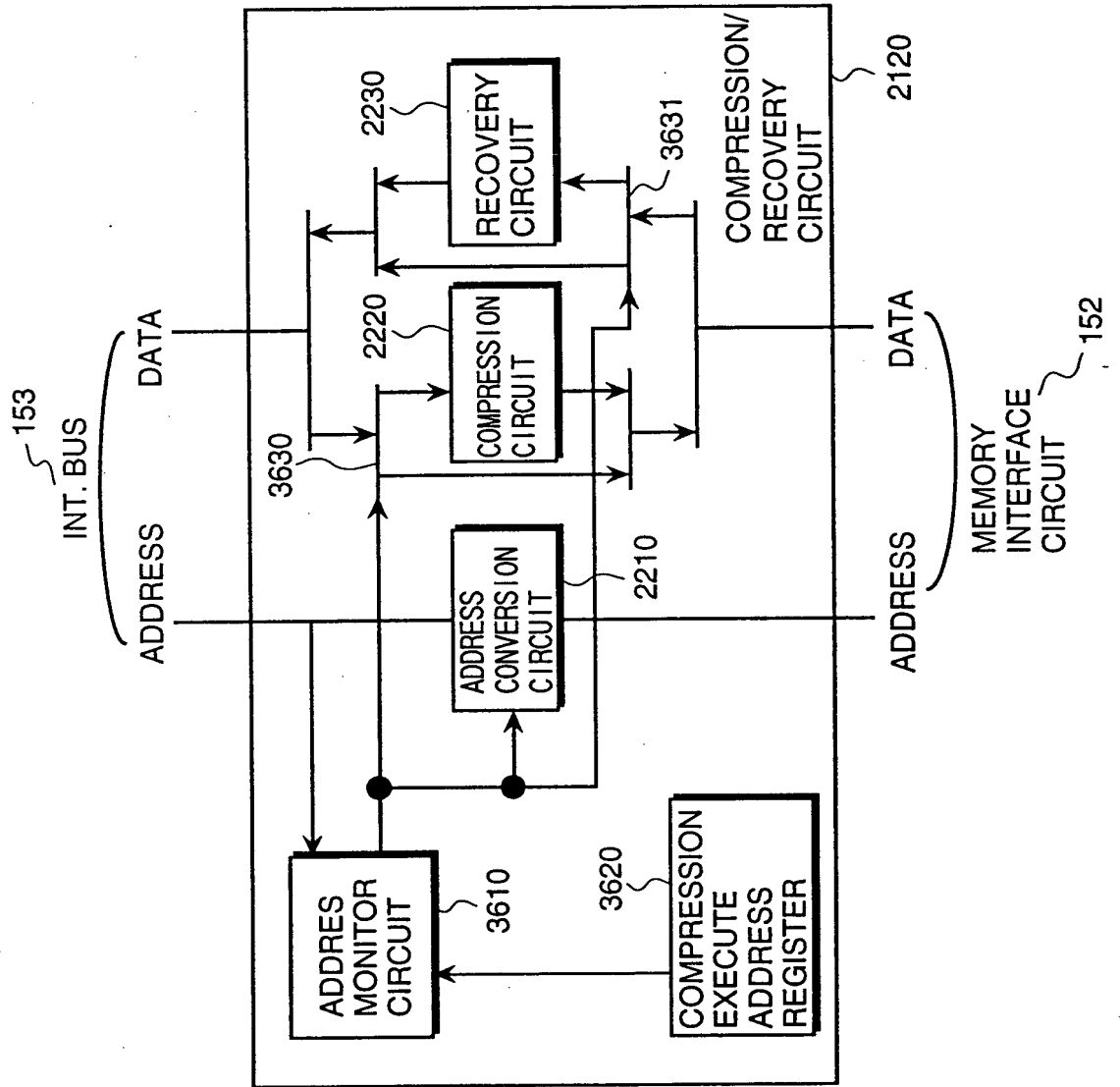




FIG.29

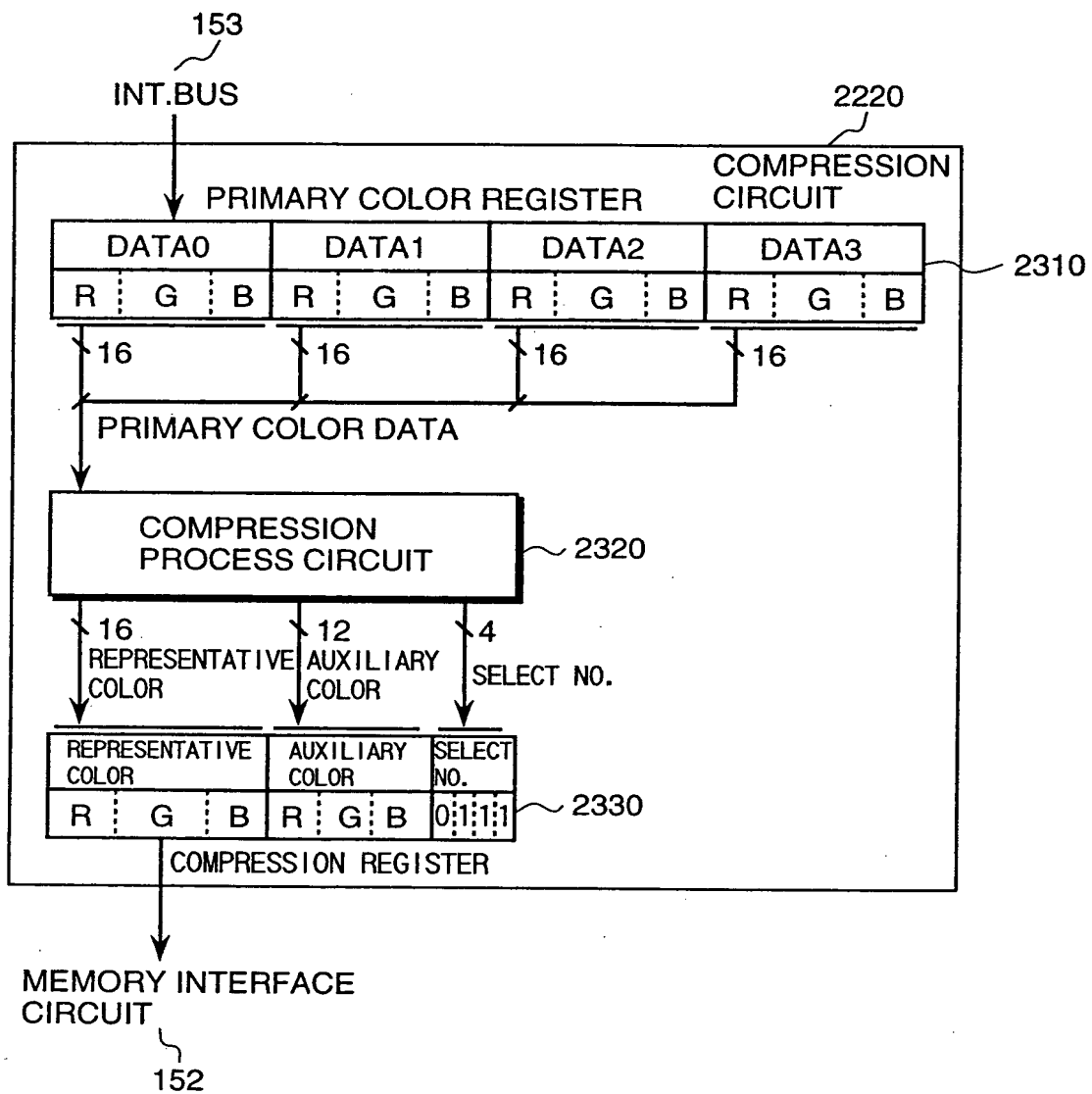
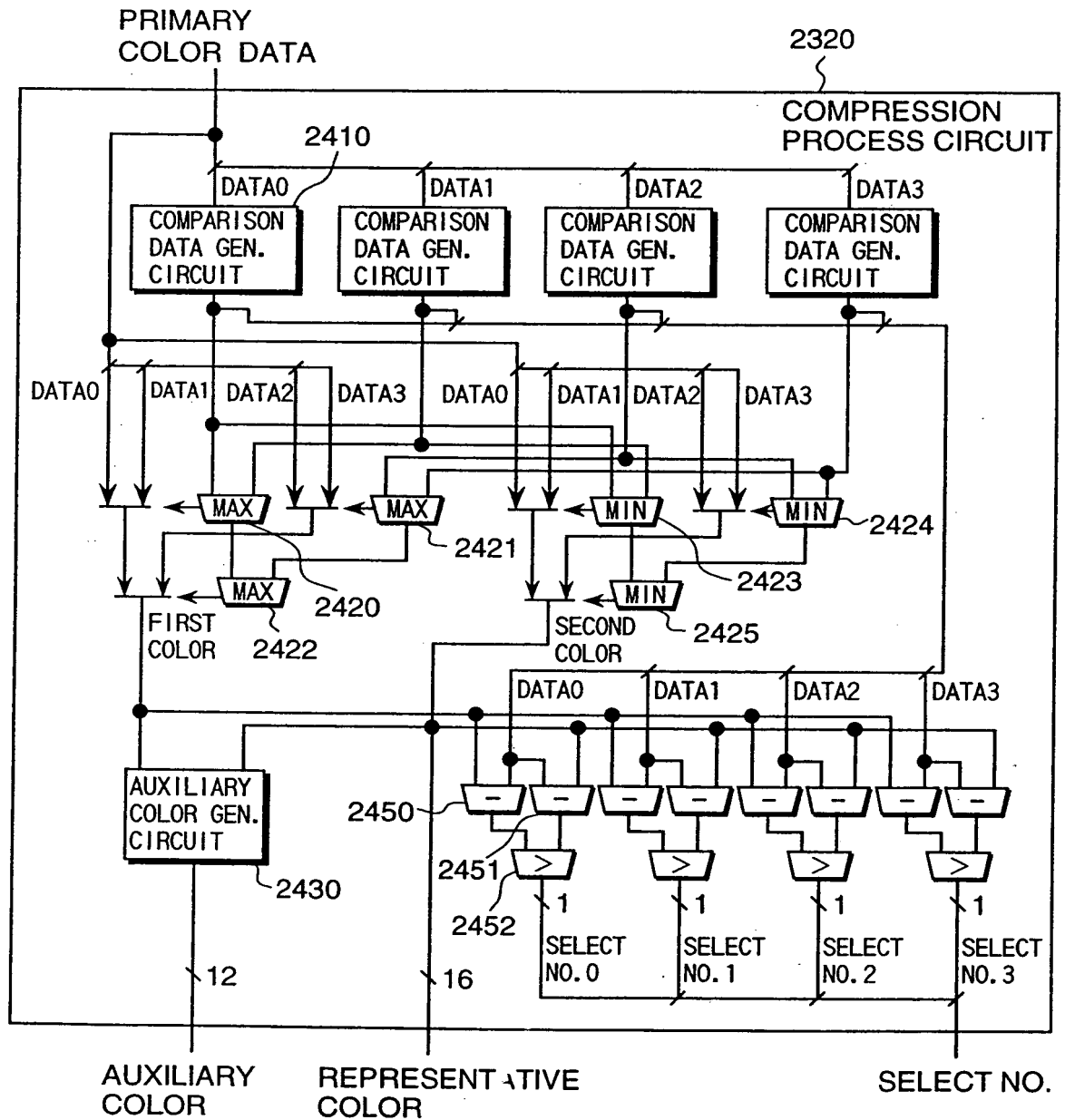


FIG.30



**FIG.31**

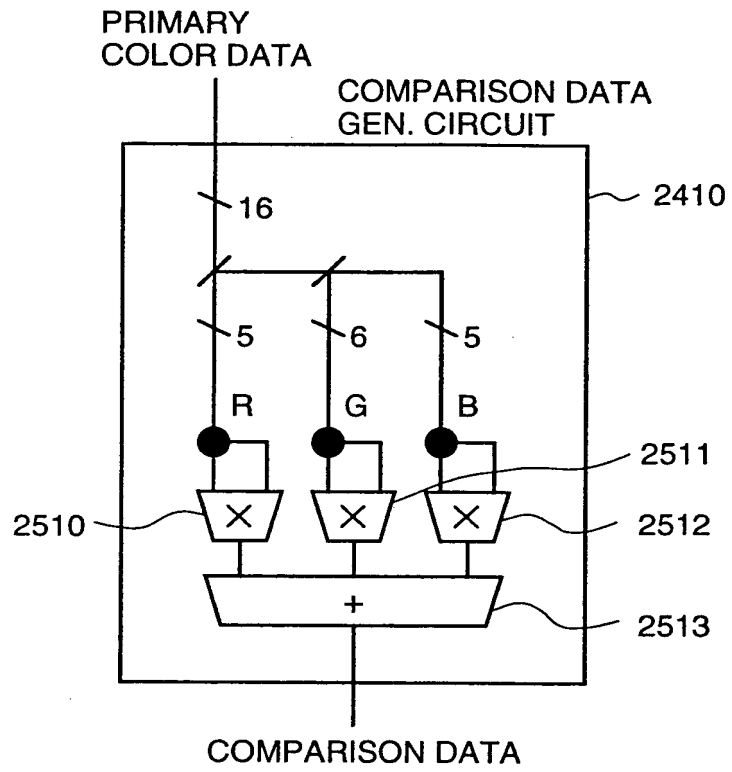


FIG.32

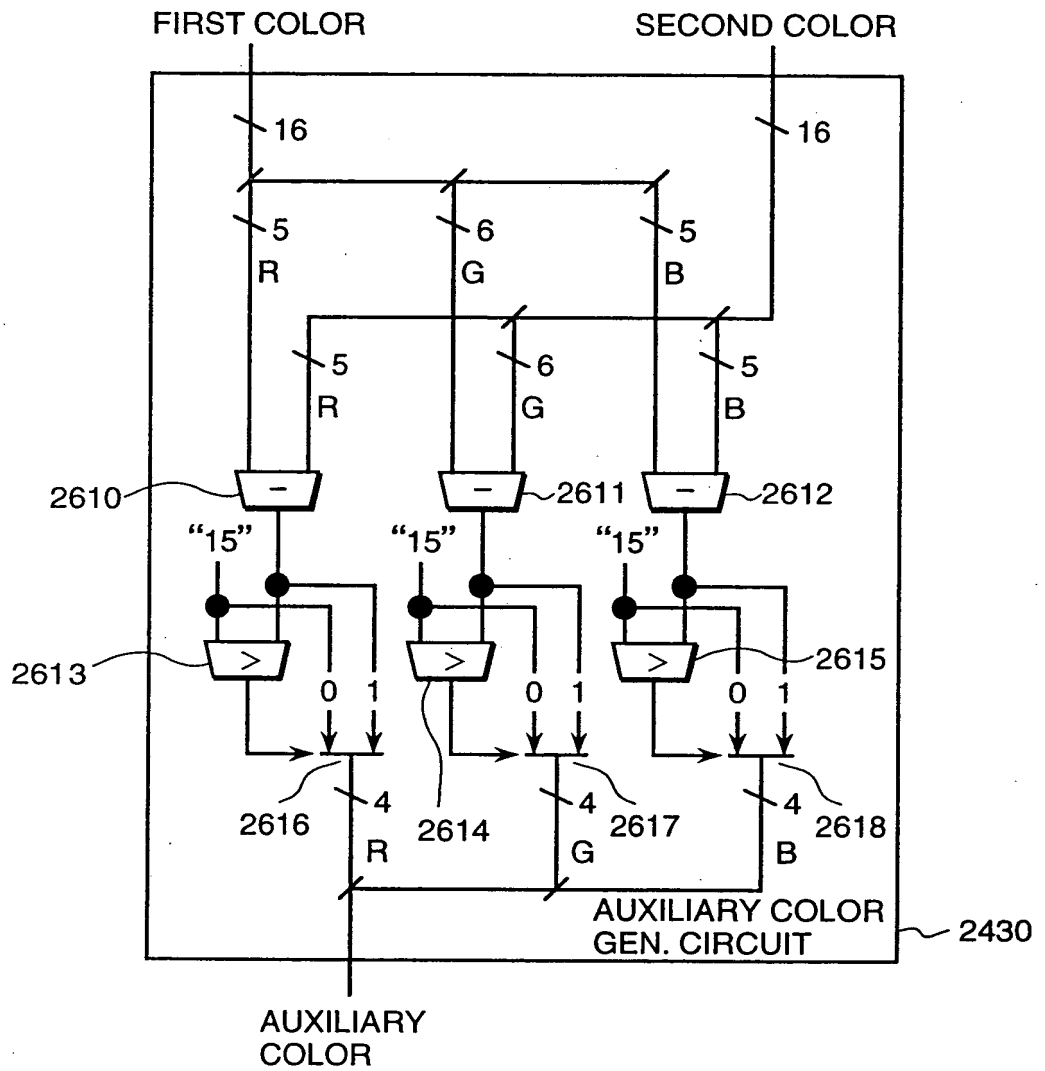


FIG.33

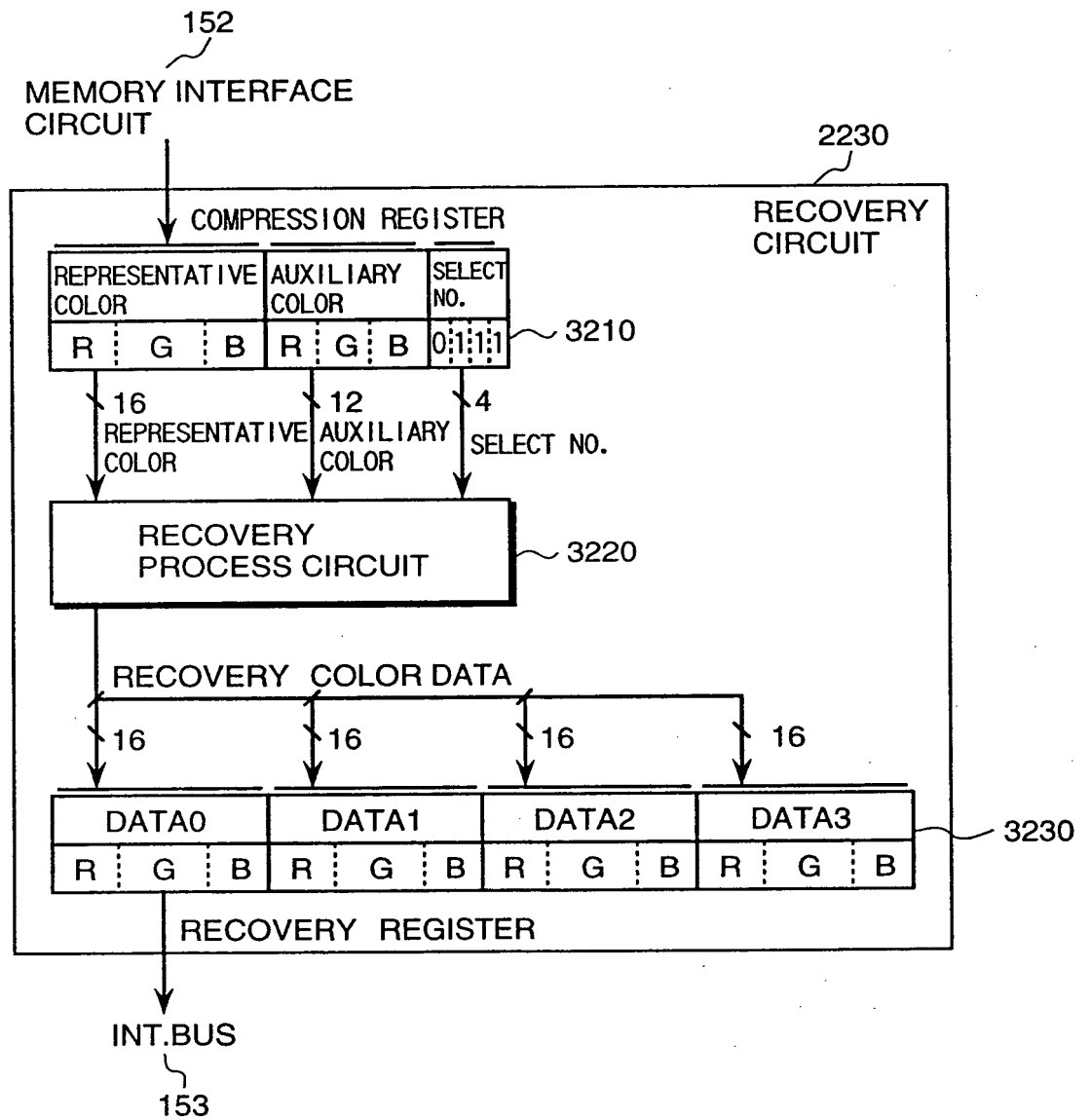
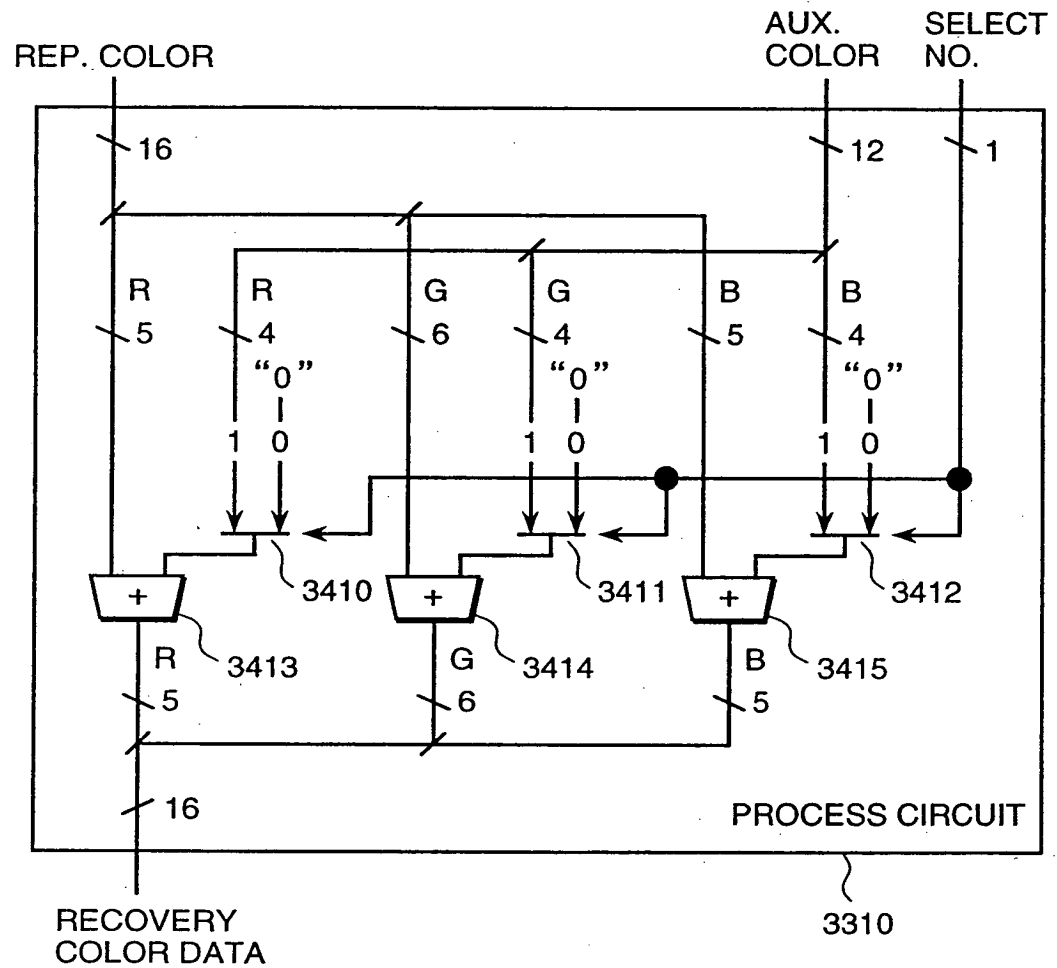




FIG.35



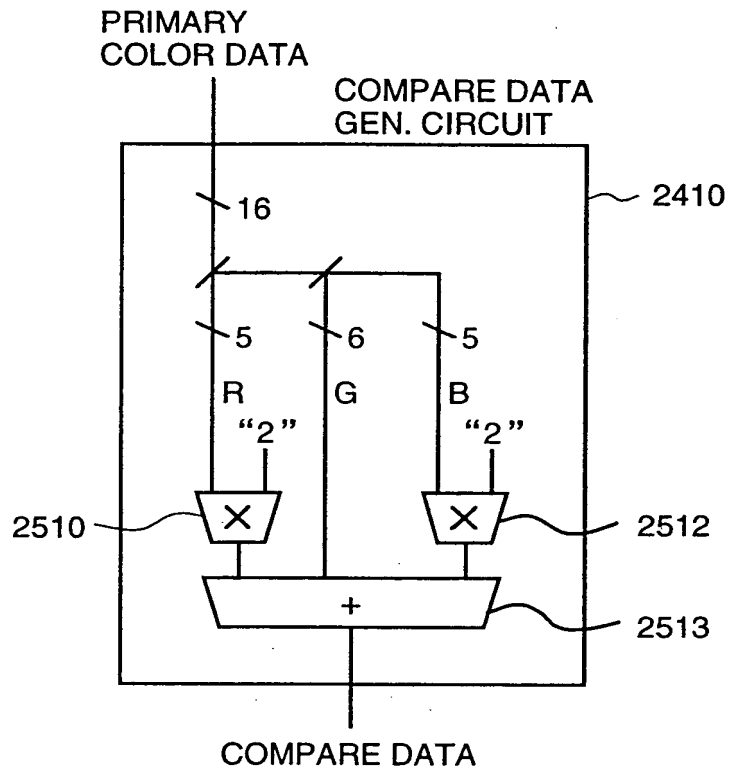
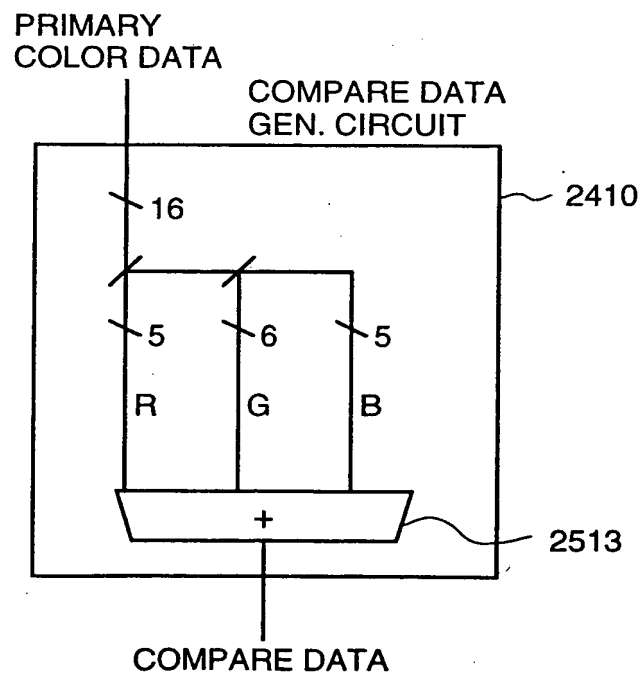
**FIG.36****FIG.37**



FIG.38

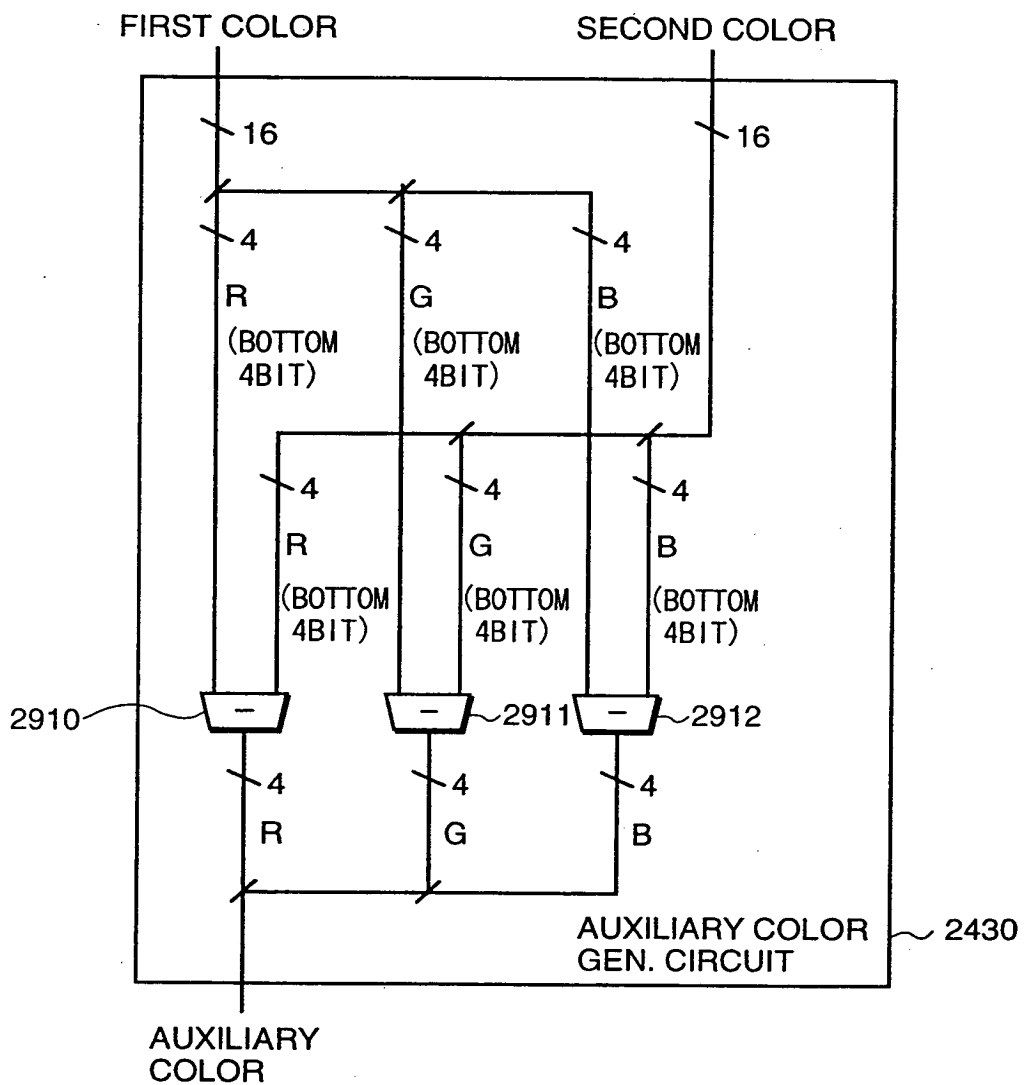


FIG. 39

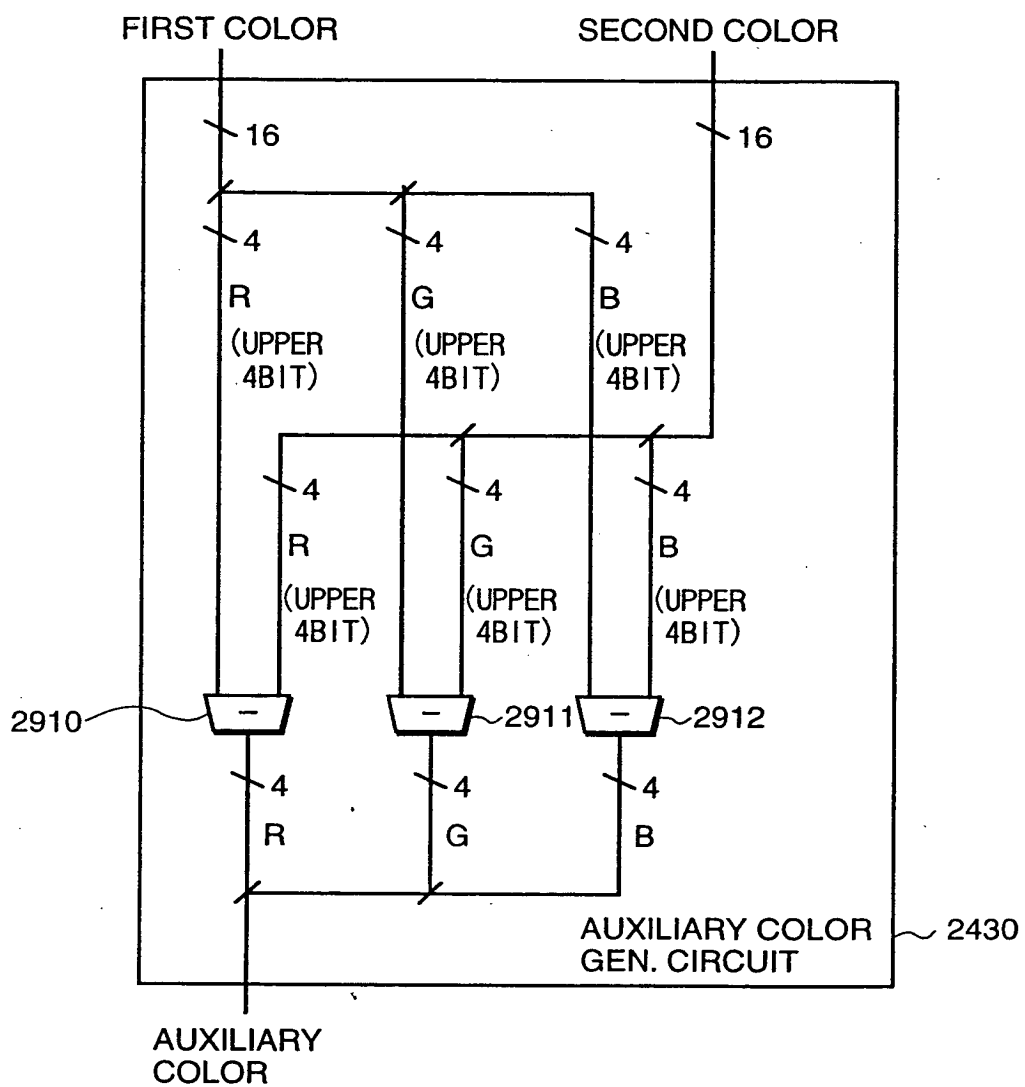


FIG.40

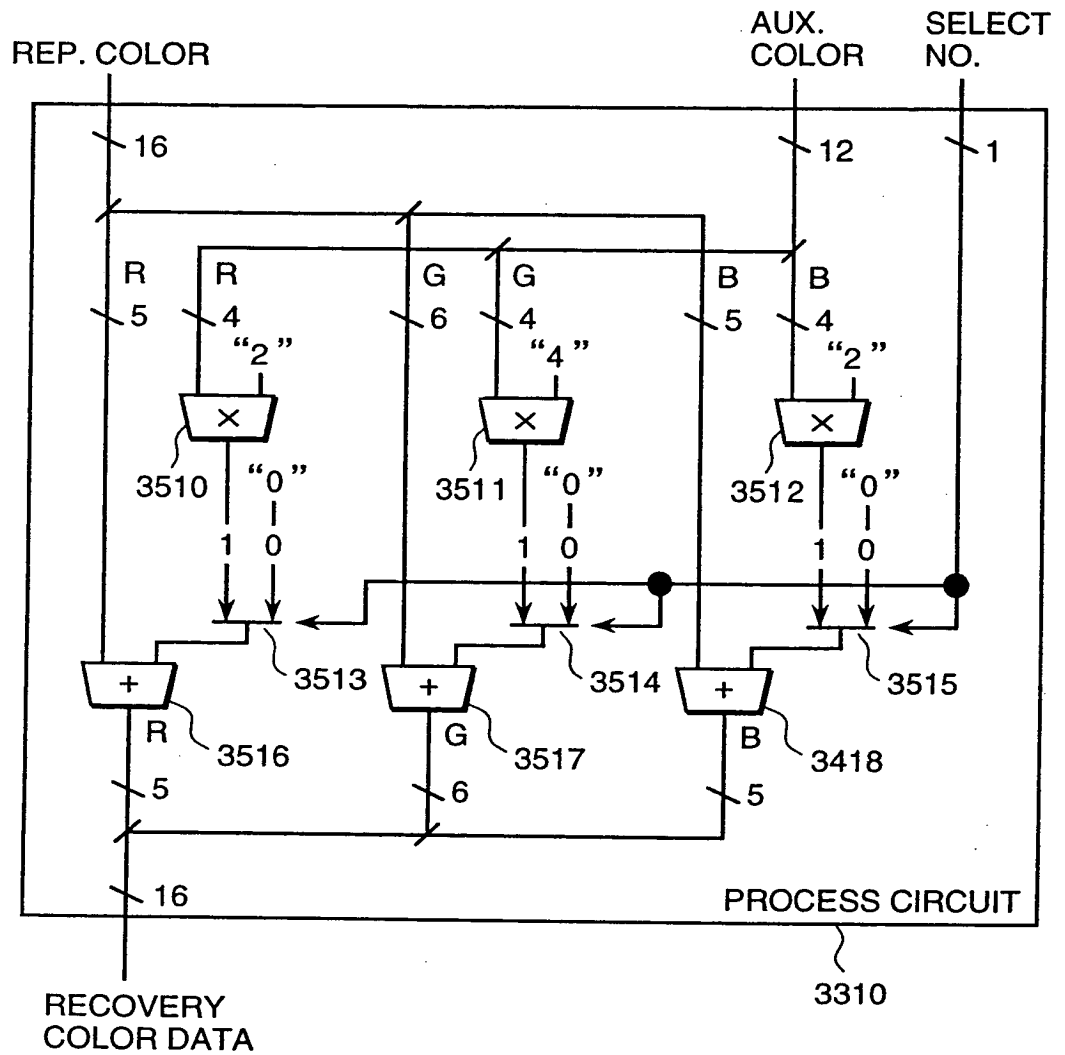


FIG. 41

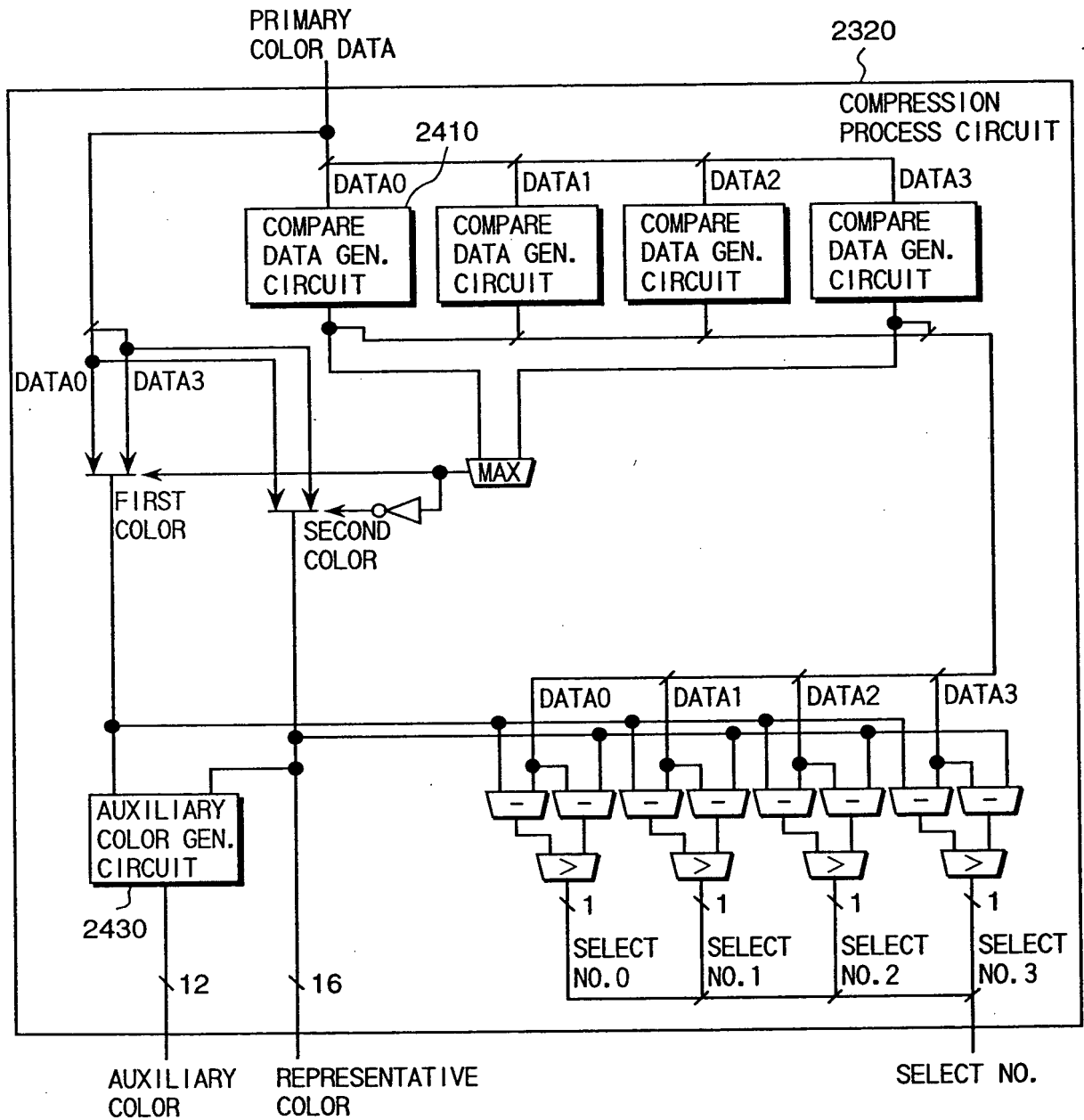


FIG. 42

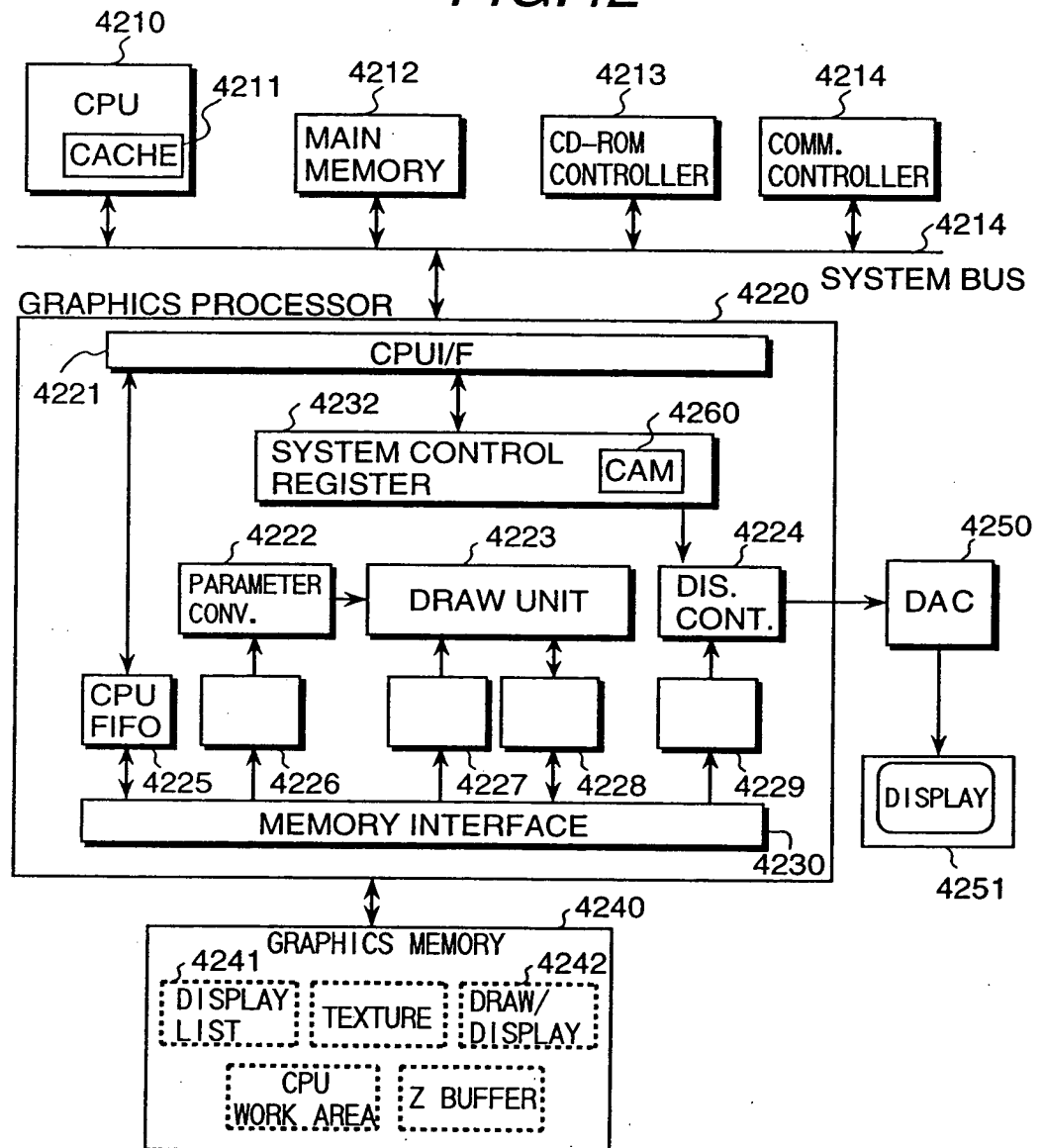
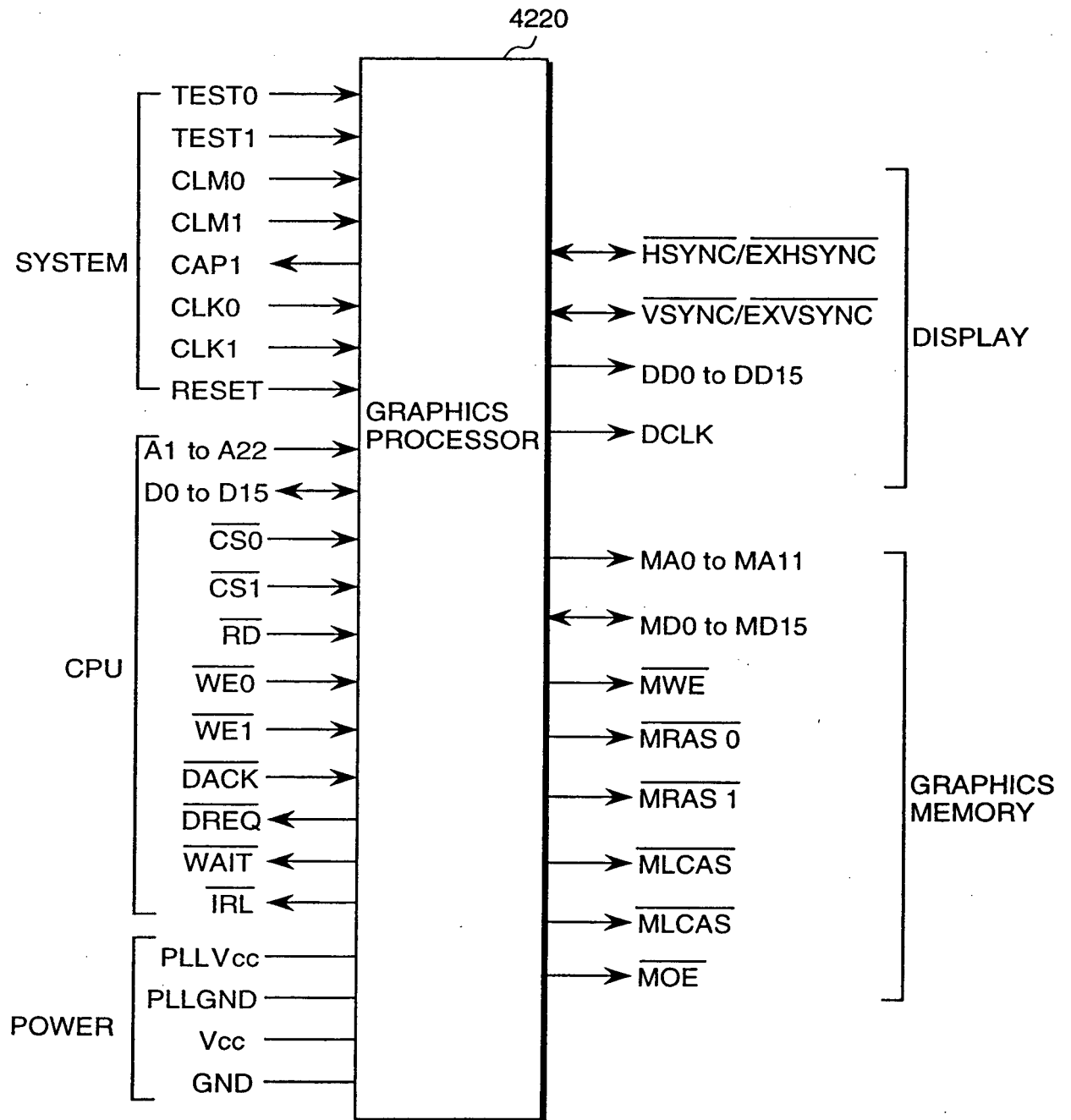
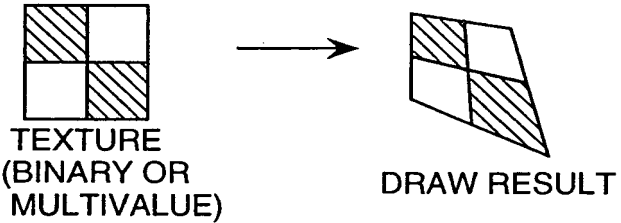



FIG.43



**FIG.44**

COMMAND	FUNCTION
DRAW SQUARE	DEFORM SQUARE TEXTURE PATTERN  TEXTURE (BINARY OR MULTIVALUE)      DRAW RESULT
LINE	DRAW A LINE 
MOVE	MOVE DRAW-START POINT
LOFS	SET LOCAL OFF-SET PARAMETER
AFFIN	SET AFFIN TRANSFORM PARAMETER
JUMP	BRANCH DISPLAY LIST
GOSUB	CALL SUBROUTINE
RET	RETURN FROM SUBROUTINE
TRAP	TERMINATE DISPLAY LIST FETCH
FLASH	FLASH SOURCE CACHE

**FIG. 45**

[illegible]



FIG. 46

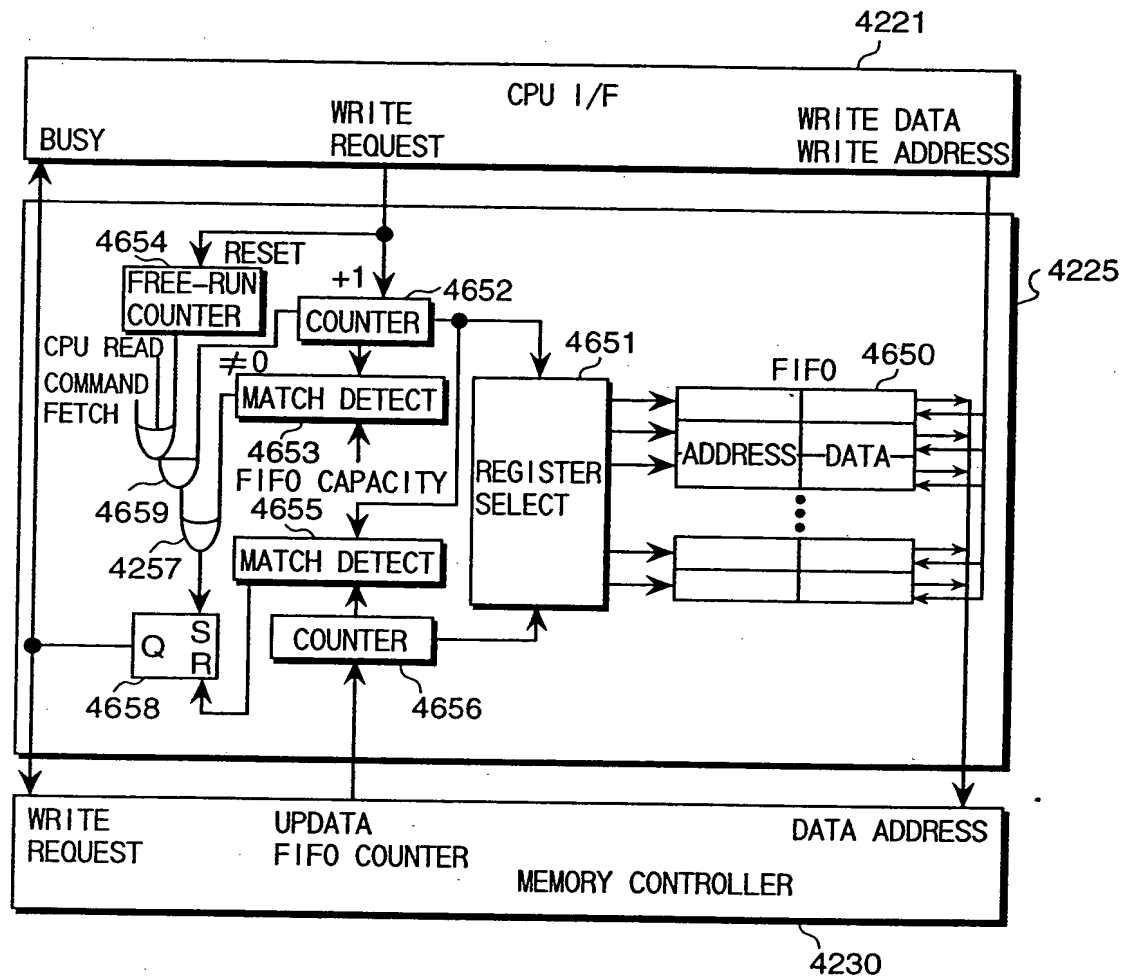


FIG. 47

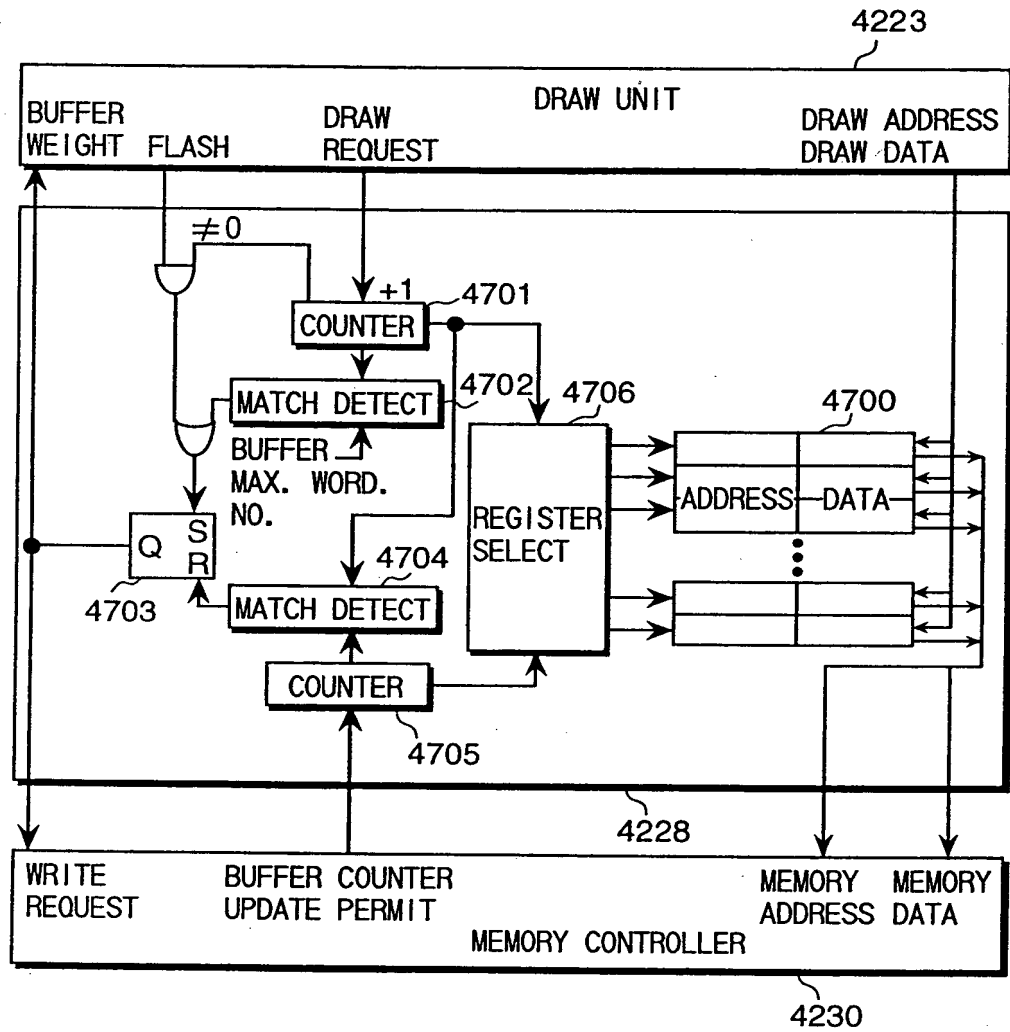


FIG.48

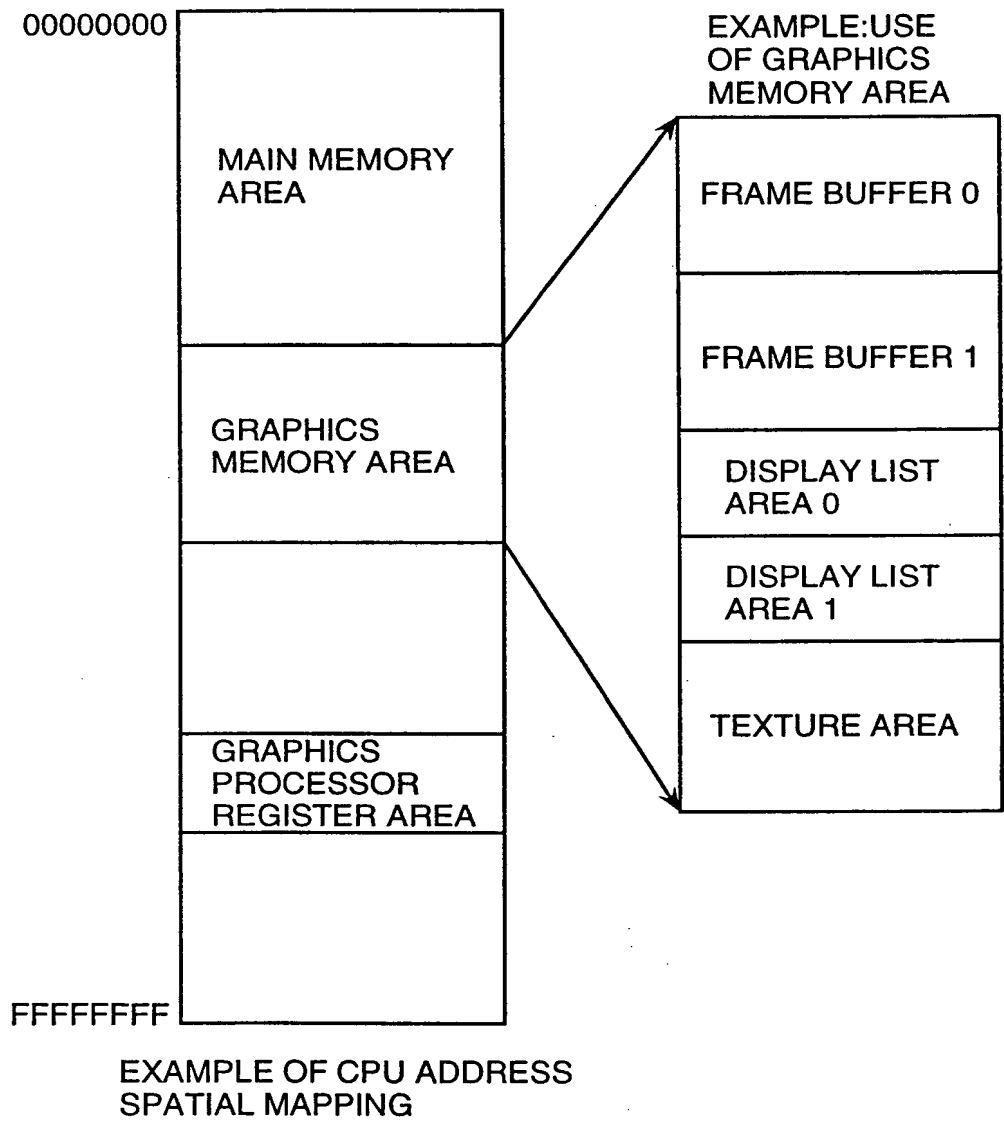


FIG. 49

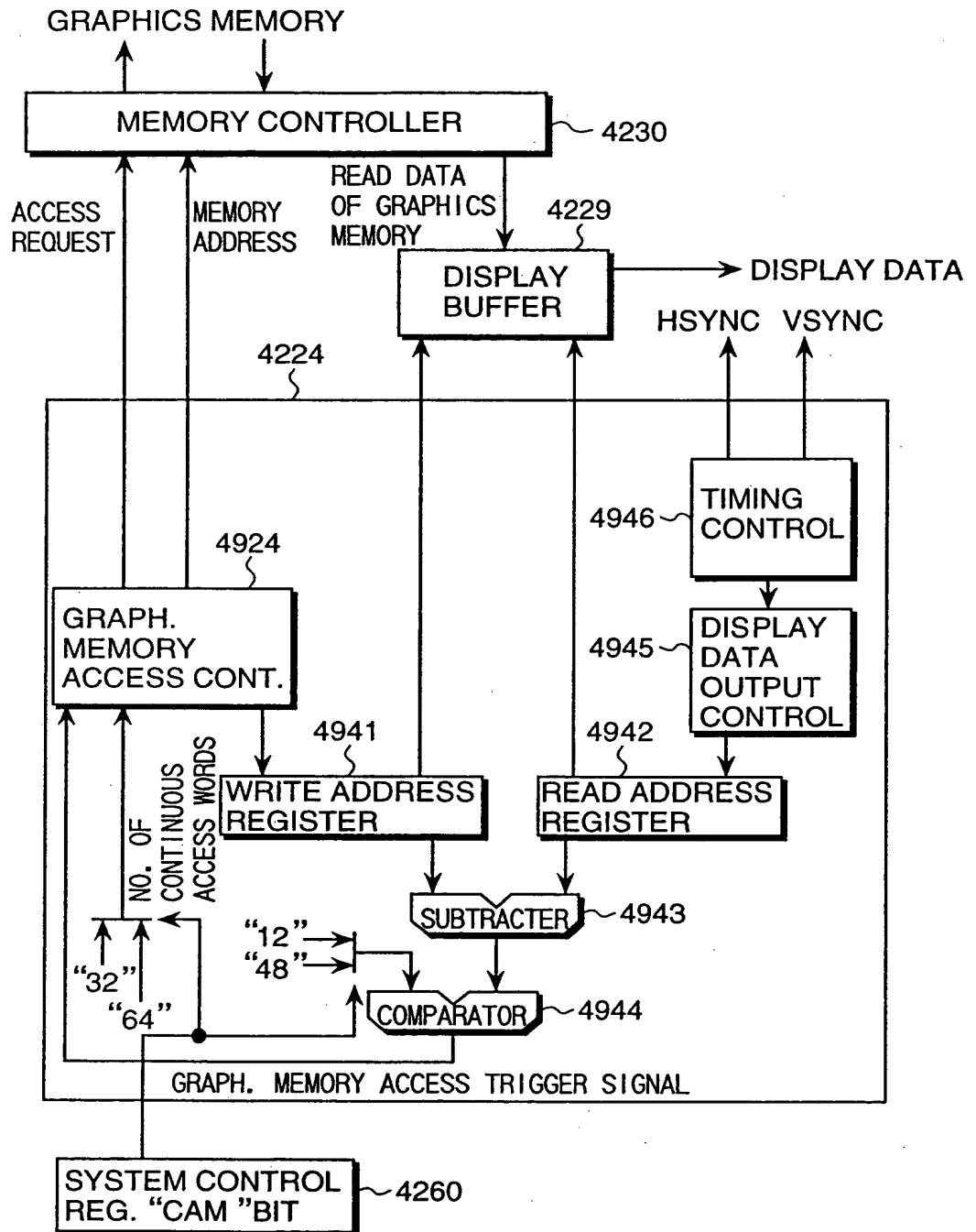
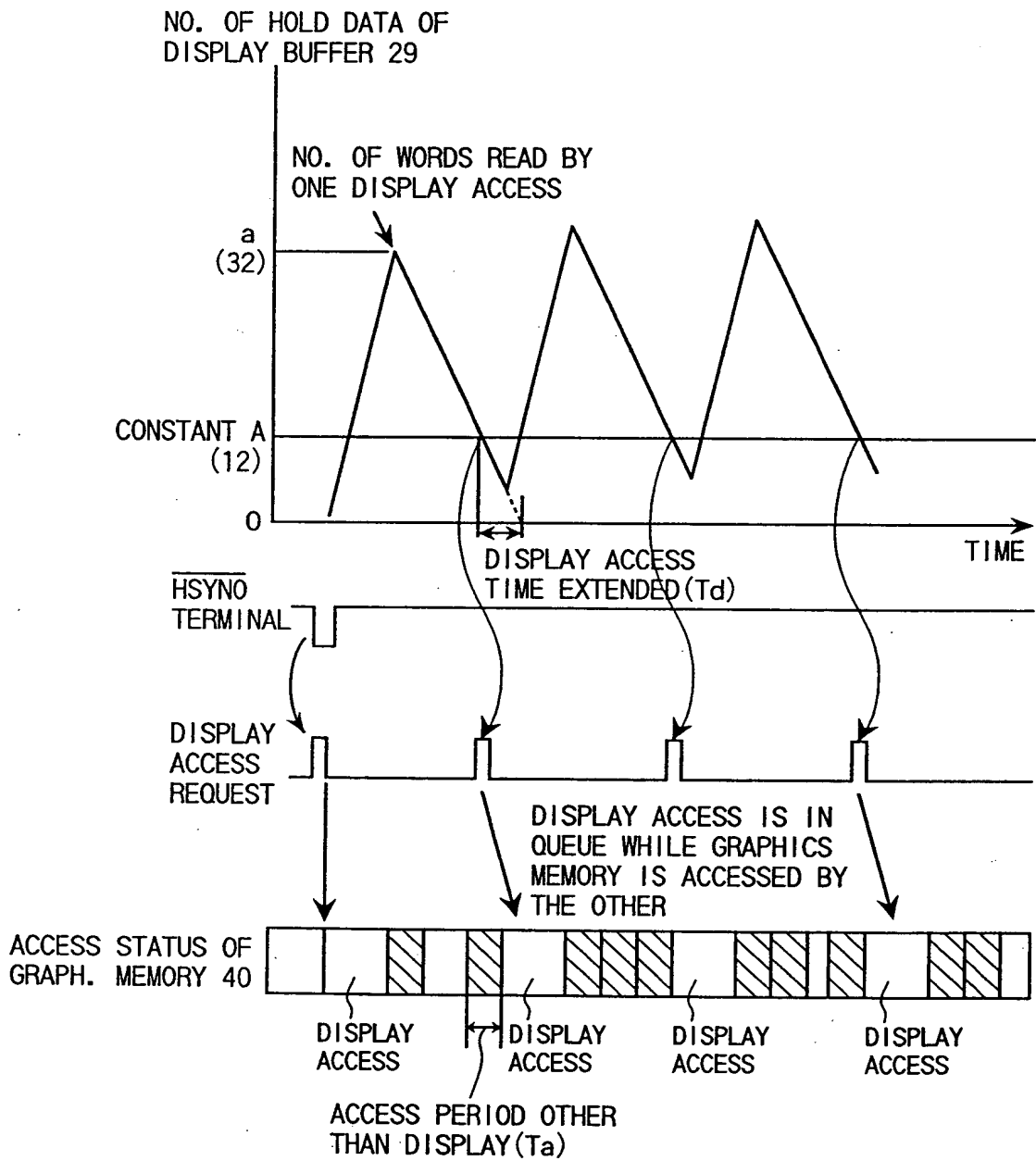


FIG. 50



▨ : INDICATES ACCESS OTHER THAN DISPLAY BEING EXECUTED

FIG.51

